

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062024\
 Data File : VW029268.D
 Acq On : 20 Jun 2024 19:18
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 21 01:35:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 21 01:26:21 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	284478	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	261490	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	126593	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	76886	19.527	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.120%
7) Chloroethane-d5	3.058	69	141	0.042	ug/L	0.16
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.160%#
11) 1,1-Dichloroethene-d2	4.021	65	37589	19.772	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.080%
21) 2-Butanone-d5	7.081	46	56012	47.547	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.100%
24) Chloroform-d	7.648	84	184145	21.700	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	8.307	65	103008	21.142	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.560%
32) Benzene-d6	8.270	84	358845	22.593	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.360%
36) 1,2-Dichloropropane-d6	9.270	67	115068	22.791	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.160%
41) Toluene-d8	10.319	98	314151	22.356	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.440%
43) trans-1,3-Dichloroprop...	10.575	79	45990	22.604	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.400%
47) 2-Hexanone-d5	10.922	63	40113	50.682	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.360%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	91318	22.725	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.920%
66) 1,2-Dichlorobenzene-d4	13.848	152	108319	24.651	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	58775	21.177	ug/L	97
3) Chloromethane	2.223	50	80503	20.342	ug/L	99
5) Vinyl chloride	2.375	62	89311	19.652	ug/L	95
6) Bromomethane	2.789	94	54502	19.953	ug/L	100
8) Chloroethane	2.936	64	59906	21.551	ug/L	99
9) Trichlorofluoromethane	3.265	101	80668	22.895	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	81506	20.981	ug/L #	71
12) 1,1-Dichloroethene	4.045	96	78433	23.794	ug/L	91
13) Acetone	4.119	43	46184	46.132	ug/L	93
14) Carbon disulfide	4.393	76	227021	21.098	ug/L	100
15) Methyl Acetate	4.673	43	48855	24.582	ug/L	99
16) Methylene chloride	4.923	84	100793	20.150	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	87314	23.852	ug/L	93
18) Methyl tert-butyl Ether	5.429	73	154783	26.428	ug/L	98
19) 1,1-Dichloroethane	6.216	63	188137	23.796	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	99497	24.648	ug/L	97
22) 2-Butanone	7.167	43	66675	48.585	ug/L	99
23) Bromochloromethane	7.514	128	42833	23.836	ug/L	95
25) Chloroform	7.673	83	184086	23.844	ug/L	99

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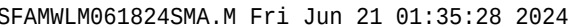
Instrument :
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 ClientSampleId :

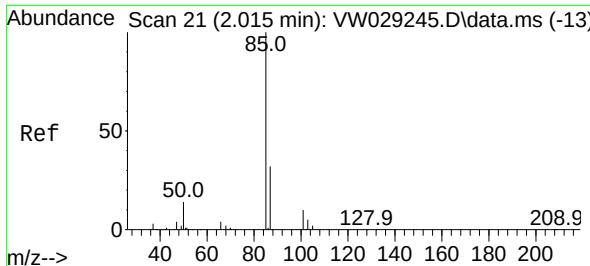
Quant Time: Jun 21 01:35:19 2024
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 Quant Title : SFAM01.0
 QLast Update : Fri Jun 21 01:26:21 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	132430	23.258	ug/L	100
29) Cyclohexane	7.959	56	150655	25.202	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	139754	24.035	ug/L	97
31) Carbon tetrachloride	8.069	117	123674	23.283	ug/L	96
33) Benzene	8.319	78	390879	24.878	ug/L	100
34) Trichloroethene	9.093	95	100590	23.997	ug/L	94
35) Methylcyclohexane	9.331	83	159154	24.142	ug/L	99
37) 1,2-Dichloropropane	9.368	63	108968	24.682	ug/L	99
38) Bromodichloromethane	9.642	83	130989	24.267	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	161275	25.842	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	145886	53.313	ug/L	98
42) Toluene	10.386	91	419020	25.942	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	133967	25.423	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	77270	25.130	ug/L	98
46) Tetrachloroethene	10.861	164	72784	24.839	ug/L	88
48) 2-Hexanone	10.965	43	101263	52.152	ug/L	96
49) Dibromochloromethane	11.123	129	80048	24.905	ug/L	99
50) 1,2-Dibromoethane	11.233	107	69206	25.073	ug/L	100
51) Chlorobenzene	11.654	112	255919	24.399	ug/L	98
52) Ethylbenzene	11.727	91	467034	25.473	ug/L	99
53) m,p-Xylene	11.837	106	177447	26.496	ug/L	98
54) o-Xylene	12.160	106	169054	27.010	ug/L	100
55) Styrene	12.178	104	293777	26.920	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	93435	24.566	ug/L	100
59) Bromoform	12.349	173	45299	26.108	ug/L	100
60) Isopropylbenzene	12.458	105	456049	27.036	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	70239	25.438	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	342353	28.024	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	373247	28.397	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	198584	27.204	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	195393	25.158	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	182010	26.971	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	15273	23.702	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	124094	25.189	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	112427	28.152	ug/L	97
71) Naphthalene	15.360	128	224478	28.479	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	92968	25.549	ug/L	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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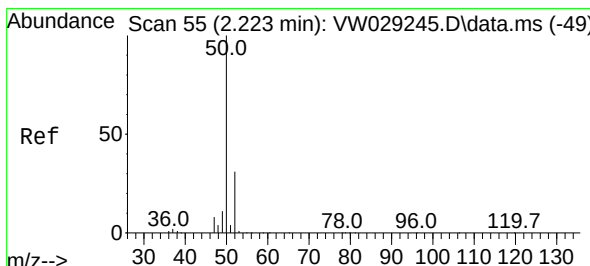
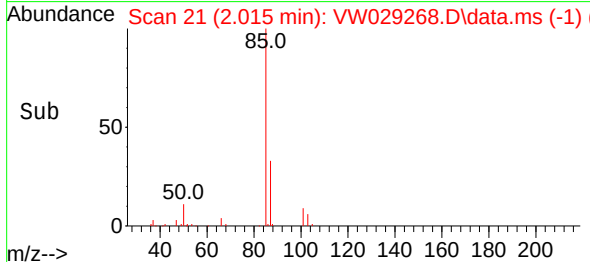
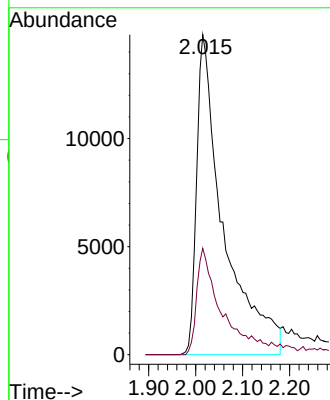
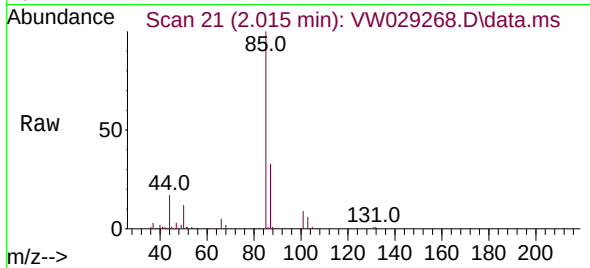




#2
 Dichlorodifluoromethane
 Concen: 21.177 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW029268.D
 Acq: 20 Jun 2024 19:18

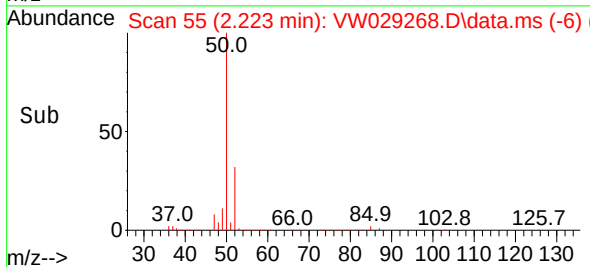
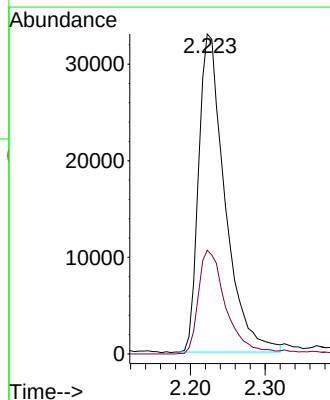
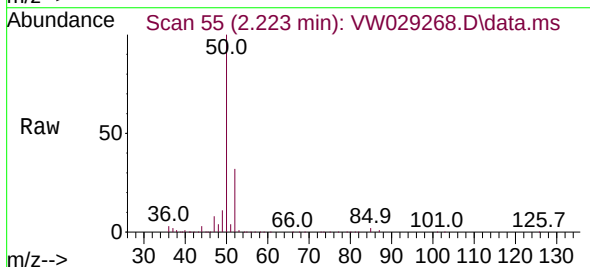
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 ClientSampleId :

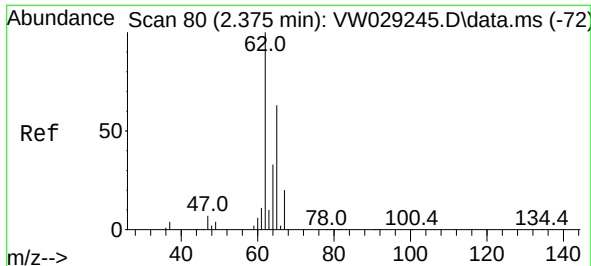
Tgt Ion: 85 Resp: 58775
 Ion Ratio Lower Upper
 85 100
 87 28.3 23.8 35.6



#3
 Chloromethane
 Concen: 20.342 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW029268.D
 Acq: 20 Jun 2024 19:18

Tgt Ion: 50 Resp: 80503
 Ion Ratio Lower Upper
 50 100
 52 32.4 22.3 41.5

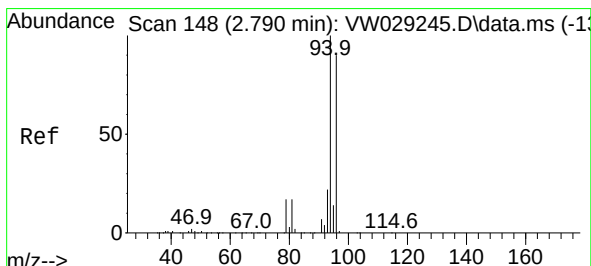
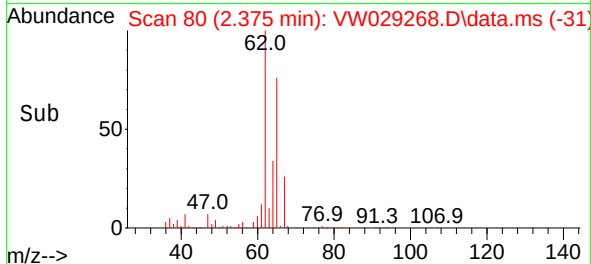
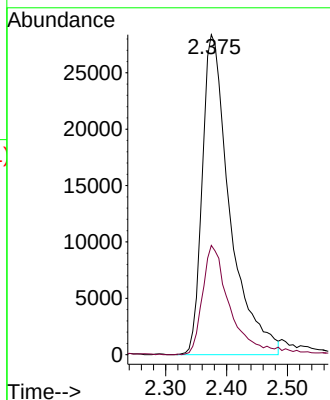
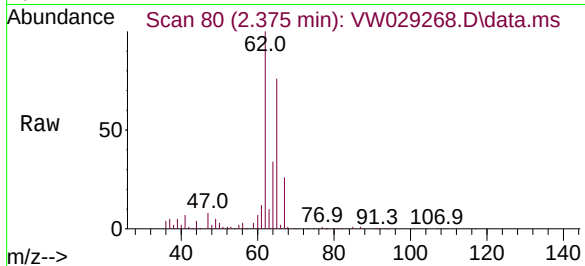




#5
 Vinyl chloride
 Concen: 19.652 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW029268.D
 Acq: 20 Jun 2024 19:18

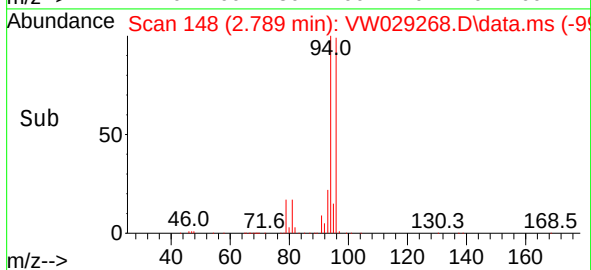
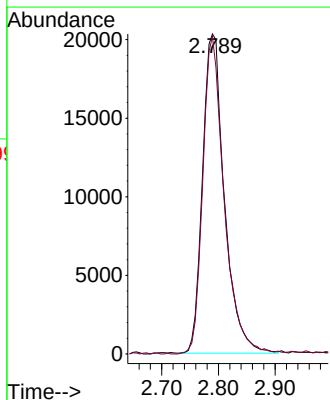
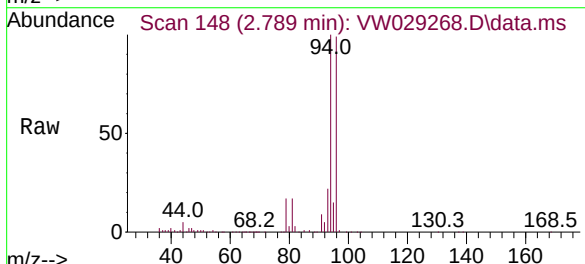
Instrument :
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 ClientSampleId :

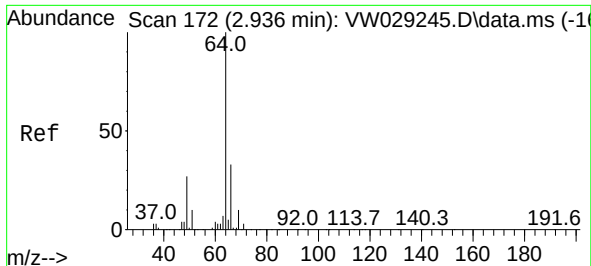
Tgt Ion: 62 Resp: 89311
 Ion Ratio Lower Upper
 62 100
 64 34.2 22.0 40.8



#6
 Bromomethane
 Concen: 19.953 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW029268.D
 Acq: 20 Jun 2024 19:18

Tgt Ion: 94 Resp: 54502
 Ion Ratio Lower Upper
 94 100
 96 99.1 69.5 129.1

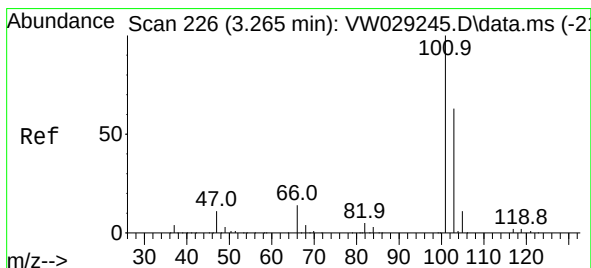
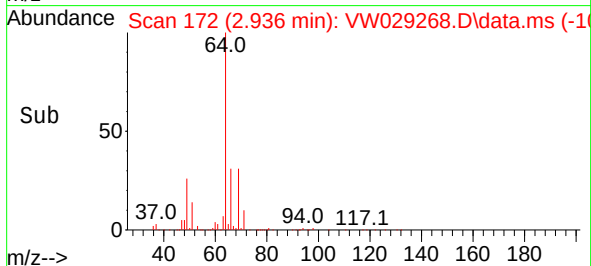
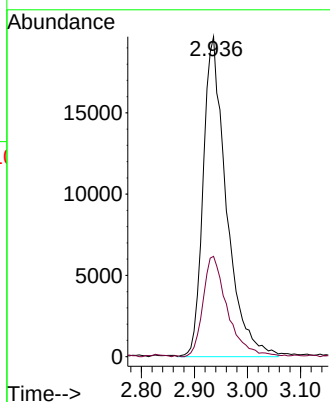
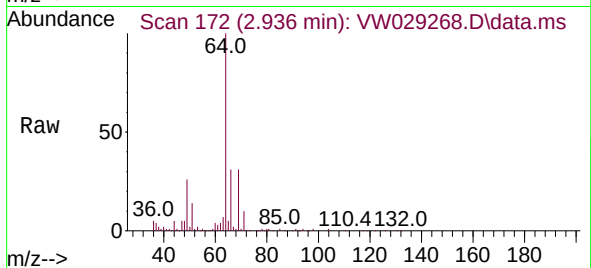




#8
Chloroethane
Concen: 21.551 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW029268.D
Acq: 20 Jun 2024 19:18

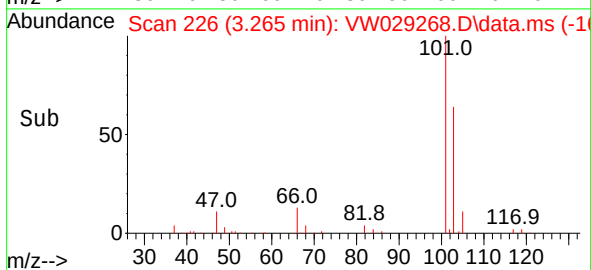
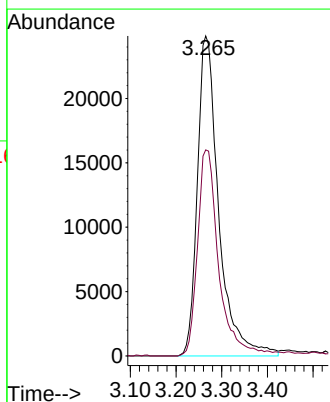
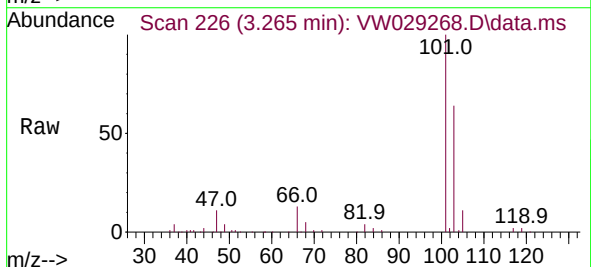
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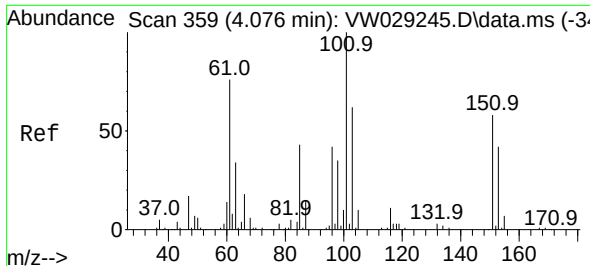
Tgt Ion: 64 Resp: 59906
Ion Ratio Lower Upper
64 100
66 31.4 22.5 41.9



#9
Trichlorofluoromethane
Concen: 22.895 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW029268.D
Acq: 20 Jun 2024 19:18

Tgt Ion:101 Resp: 80668
Ion Ratio Lower Upper
101 100
103 63.3 50.8 76.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 20.981 ug/L

RT: 4.070 min Scan# 359

Delta R.T. -0.006 min

Lab File: VW029268.D

Acq: 20 Jun 2024 19:18

Instrument :

MSVOA_W

ClientSampleId :

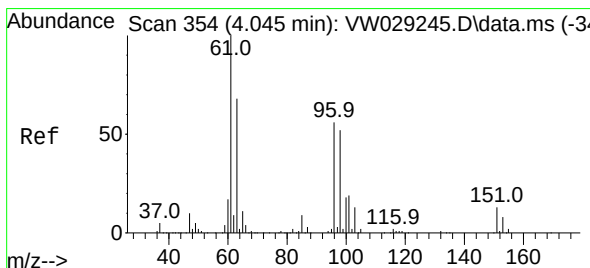
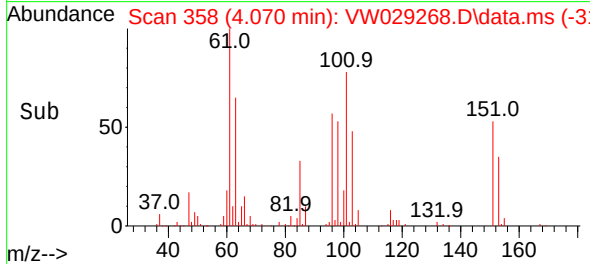
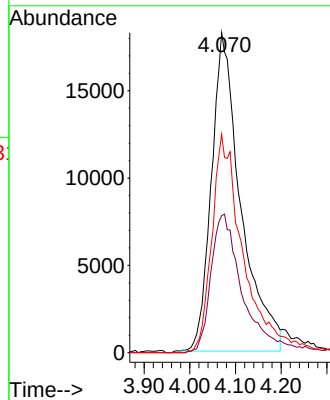
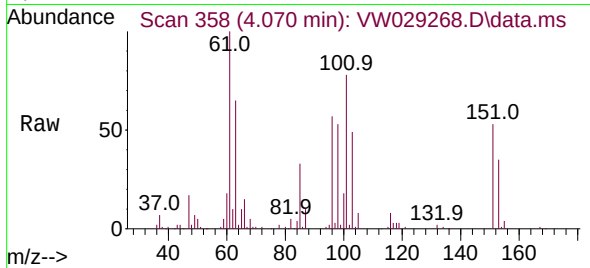
Tgt Ion:101 Resp: 81506

Ion Ratio Lower Upper

101 100

85 46.5 30.2 45.2#

151 35.8 52.2 78.4#



#12

1,1-Dichloroethene

Concen: 23.794 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW029268.D

Acq: 20 Jun 2024 19:18

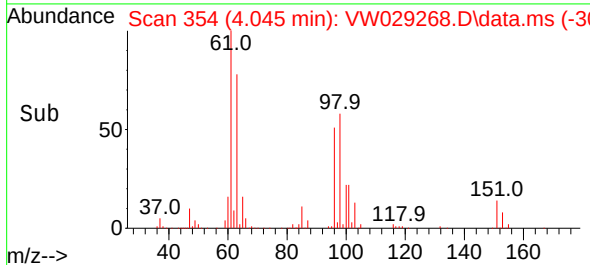
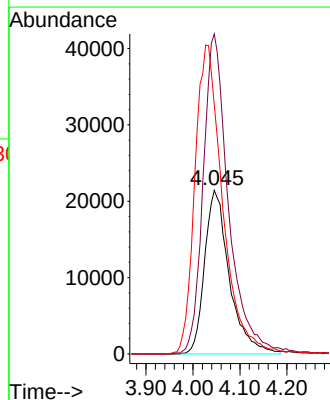
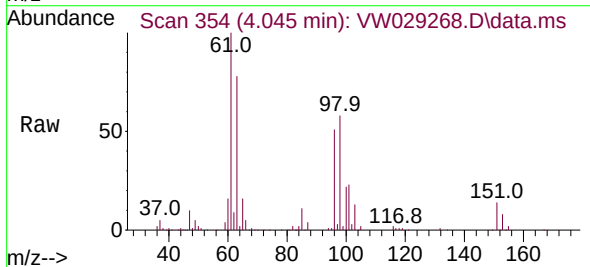
Tgt Ion: 96 Resp: 78433

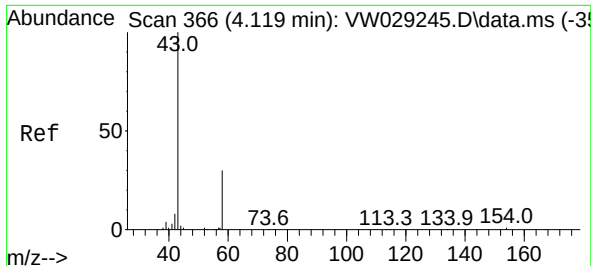
Ion Ratio Lower Upper

96 100

61 195.5 140.1 260.3

63 152.1 122.0 226.6

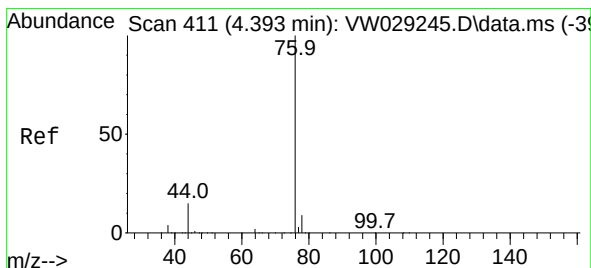
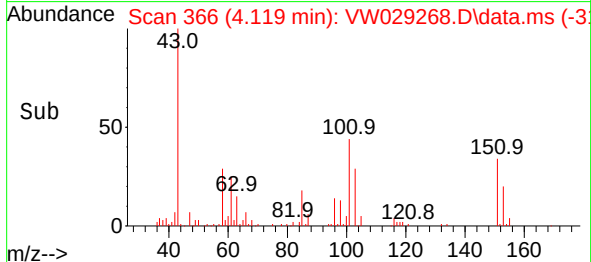
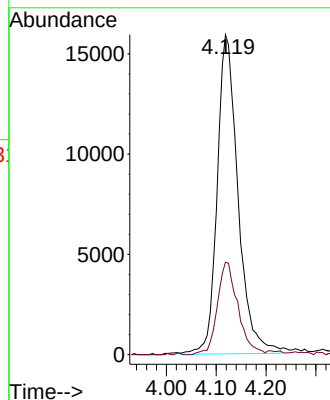
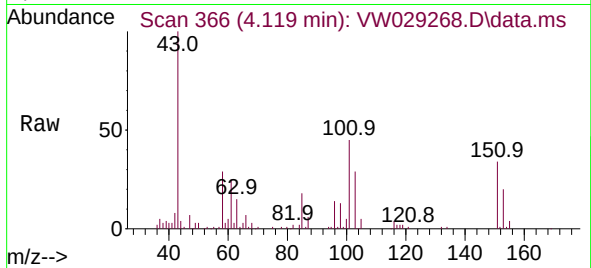




#13
Acetone
Concen: 46.132 ug/L
RT: 4.119 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW029268.D
Acq: 20 Jun 2024 19:18

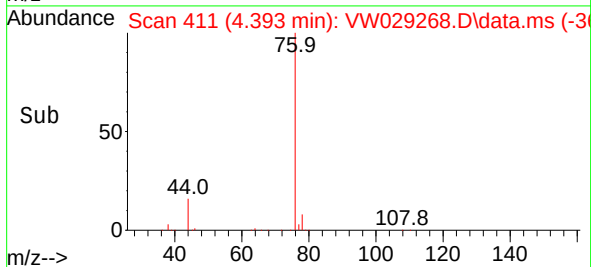
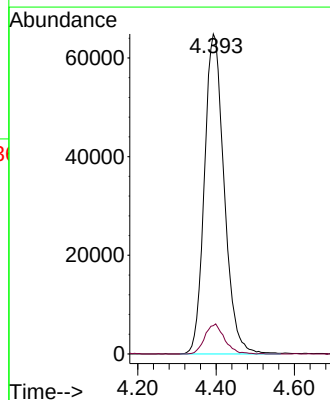
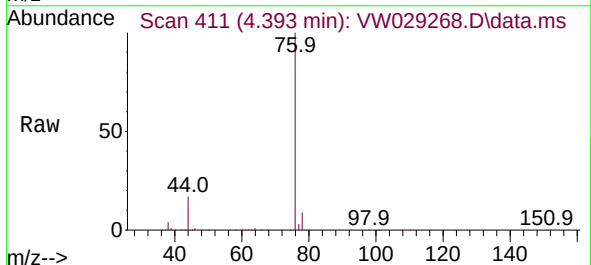
Instrument :
MSVOA_W
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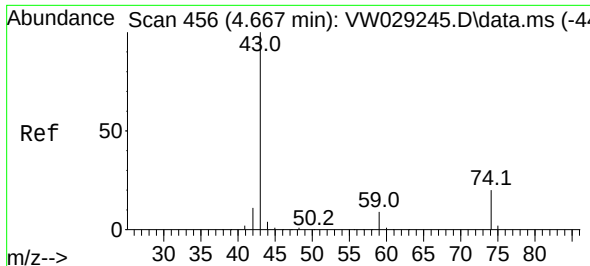
Tgt Ion: 43 Resp: 46184
Ion Ratio Lower Upper
43 100
58 26.8 0.0 61.4



#14
Carbon disulfide
Concen: 21.098 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW029268.D
Acq: 20 Jun 2024 19:18

Tgt Ion: 76 Resp: 227021
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

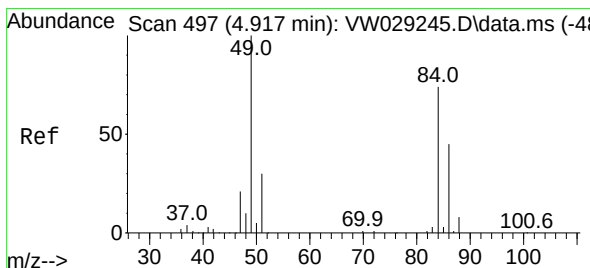
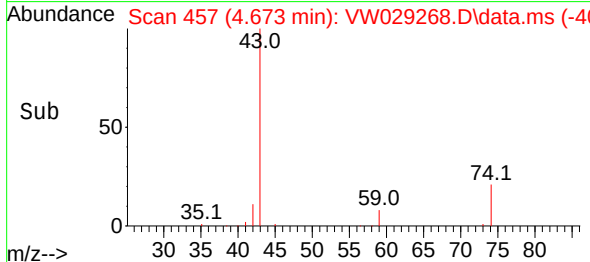
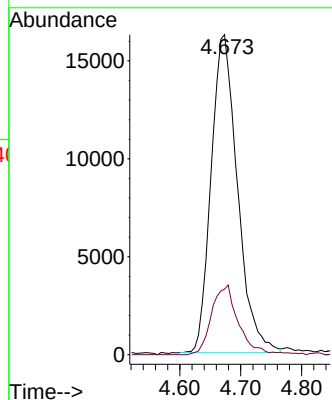
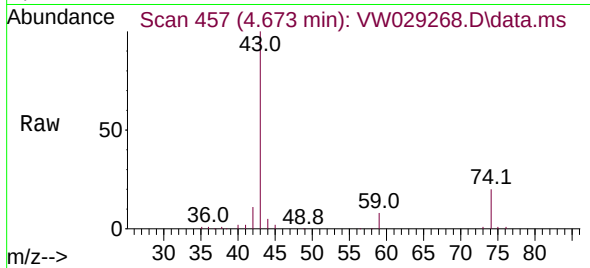




#15
Methyl Acetate
Concen: 24.582 ug/L
RT: 4.673 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW029268.D
Acq: 20 Jun 2024 19:18

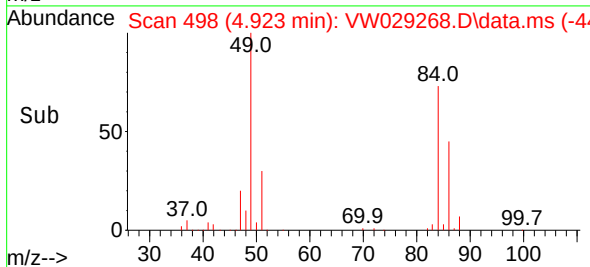
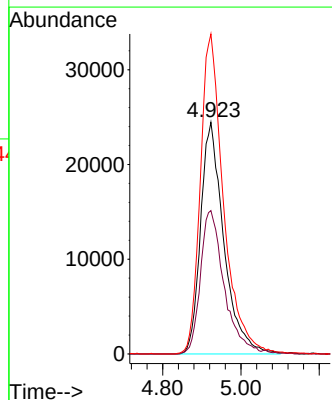
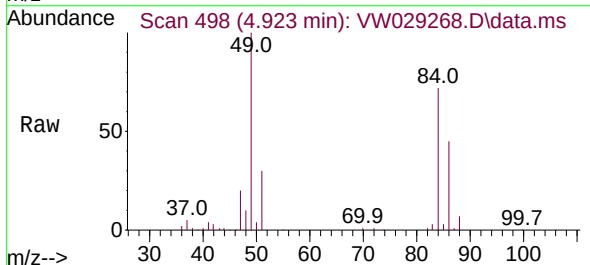
Instrument :
MSVOA_W
ClientSampleId :

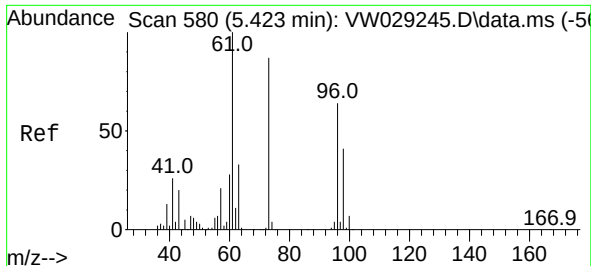
Tgt Ion: 43 Resp: 48855
Ion Ratio Lower Upper
43 100
74 21.1 16.6 25.0



#16
Methylene chloride
Concen: 20.150 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW029268.D
Acq: 20 Jun 2024 19:18

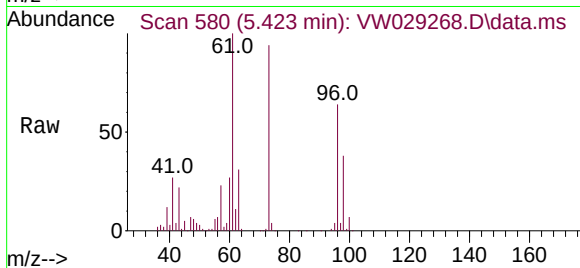
Tgt Ion: 84 Resp: 100793
Ion Ratio Lower Upper
84 100
86 61.9 41.4 77.0
49 138.1 95.7 177.7



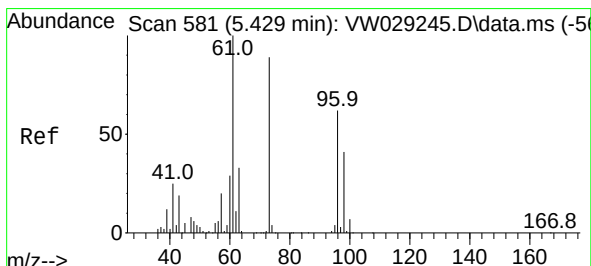
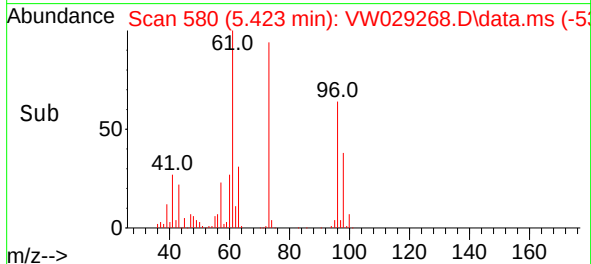
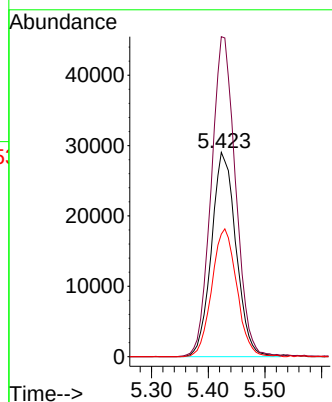


#17
trans-1,2-Dichloroethene
Concen: 23.852 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW029268.D
Acq: 20 Jun 2024 19:18

Instrument :
MSVOA_W
ClientSampleId :

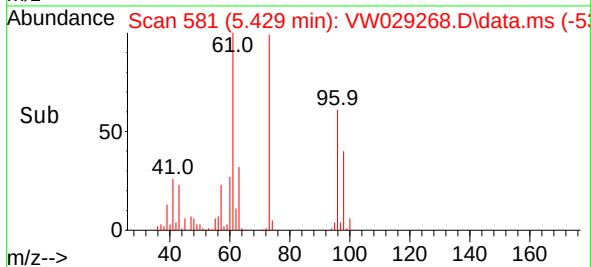
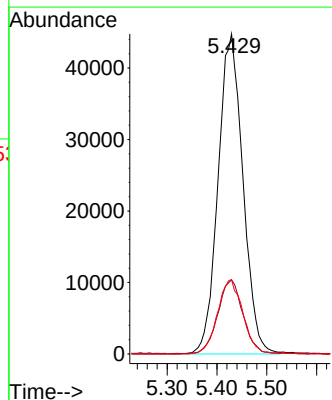
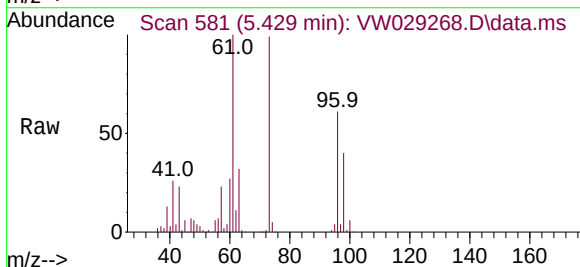


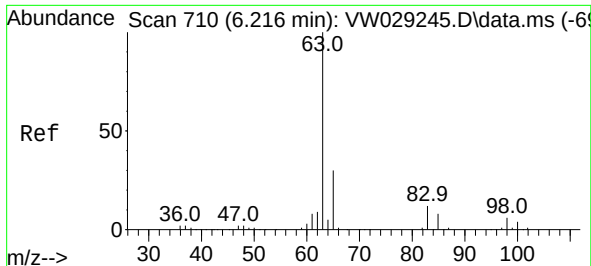
Tgt Ion: 96 Resp: 87314
Ion Ratio Lower Upper
96 100
61 156.7 101.5 188.5
98 60.0 43.3 80.3



#18
Methyl tert-butyl Ether
Concen: 26.428 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW029268.D
Acq: 20 Jun 2024 19:18

Tgt Ion: 73 Resp: 154783
Ion Ratio Lower Upper
73 100
43 23.2 19.5 29.3
57 23.6 18.4 27.6





#19

1,1-Dichloroethane

Concen: 23.796 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW029268.D

Acq: 20 Jun 2024 19:18

Instrument :

MSVOA_W

ClientSampleId :

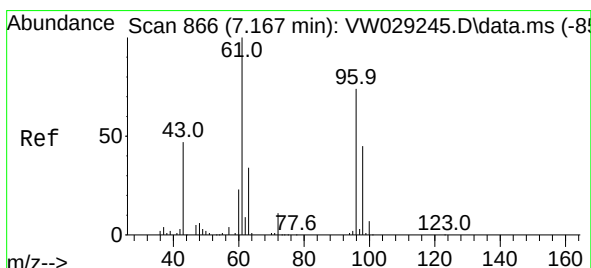
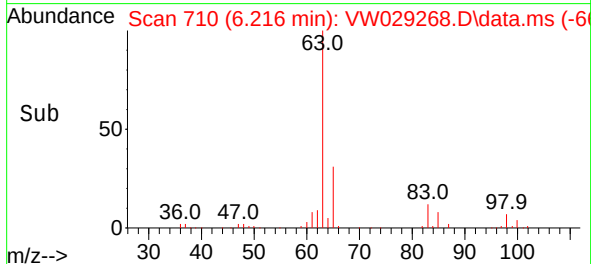
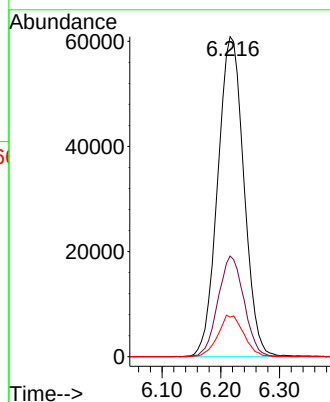
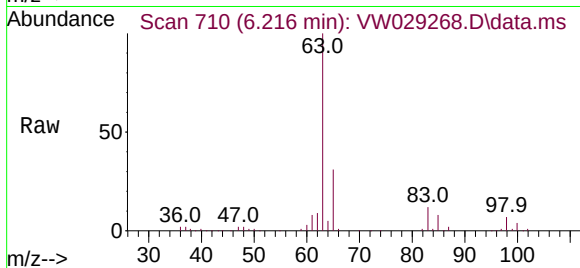
Tgt Ion: 63 Resp: 188137

Ion Ratio Lower Upper

63 100

65 31.5 23.4 43.4

83 12.3 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 24.648 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW029268.D

Acq: 20 Jun 2024 19:18

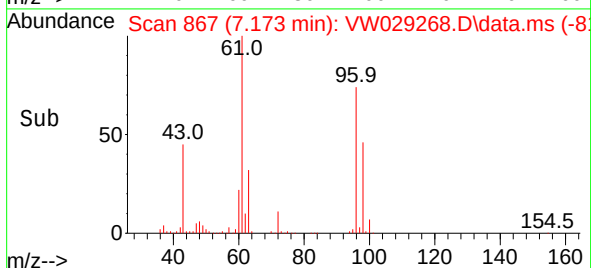
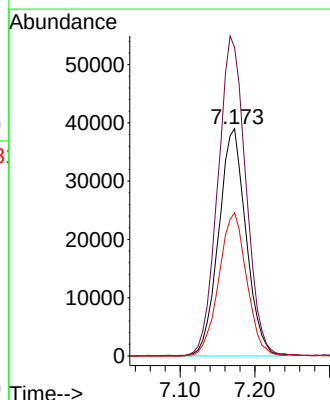
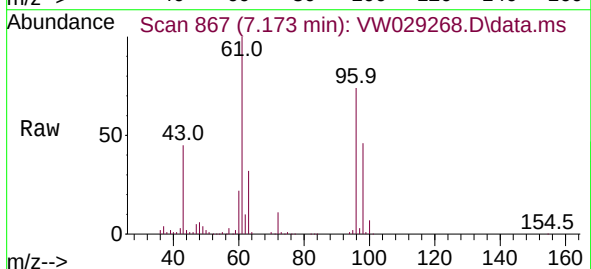
Tgt Ion: 96 Resp: 99497

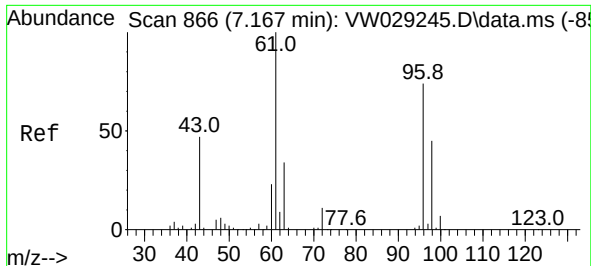
Ion Ratio Lower Upper

96 100

61 135.8 97.8 181.6

98 63.0 43.0 79.8





#22

2-Butanone

Concen: 48.585 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.000 min

Lab File: VW029268.D

Acq: 20 Jun 2024 19:18

Instrument :

MSVOA_W

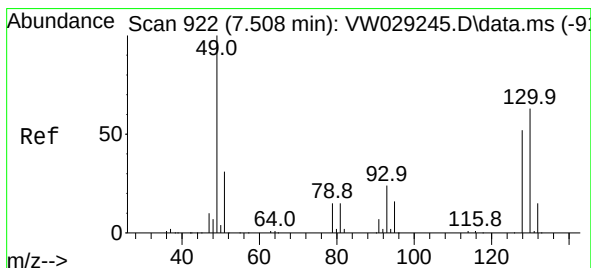
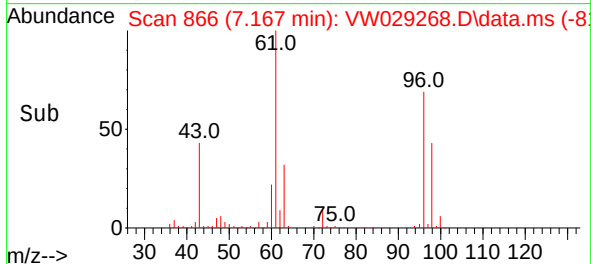
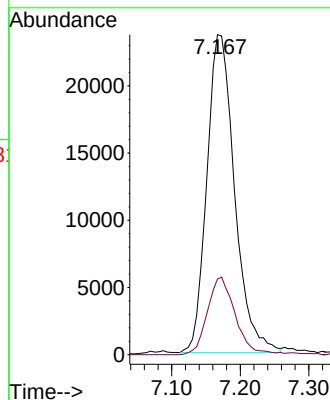
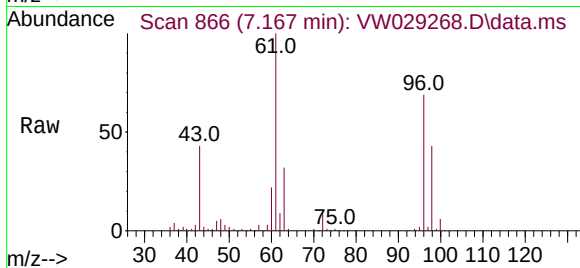
ClientSampleId :

Tgt Ion: 43 Resp: 66675

Ion Ratio Lower Upper

43 100

72 24.2 11.9 35.7



#23

Bromochloromethane

Concen: 23.836 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.006 min

Lab File: VW029268.D

Acq: 20 Jun 2024 19:18

Tgt Ion: 128 Resp: 42833

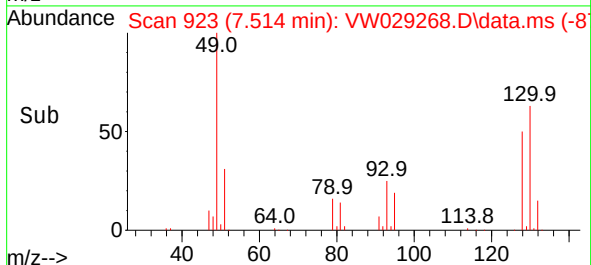
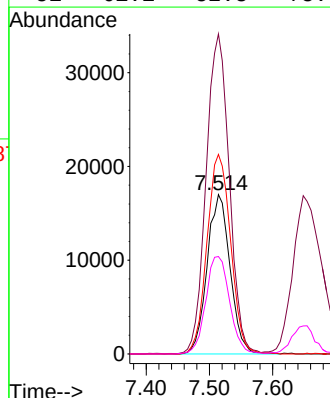
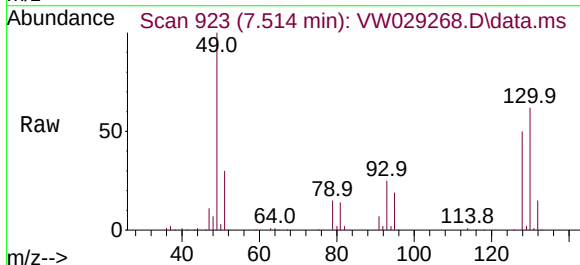
Ion Ratio Lower Upper

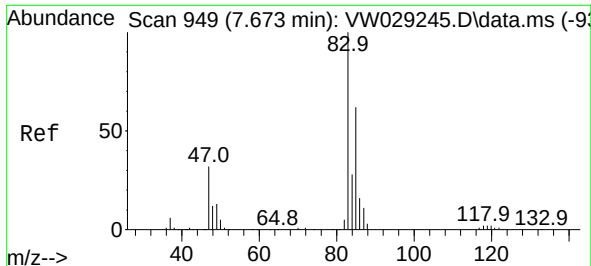
128 100

49 200.8 142.6 264.8

130 125.2 79.7 148.1

51 61.1 52.3 78.5





#25

Chloroform

Concen: 23.844 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.000 min

Lab File: VW029268.D

Acq: 20 Jun 2024 19:18

Instrument :

MSVOA_W

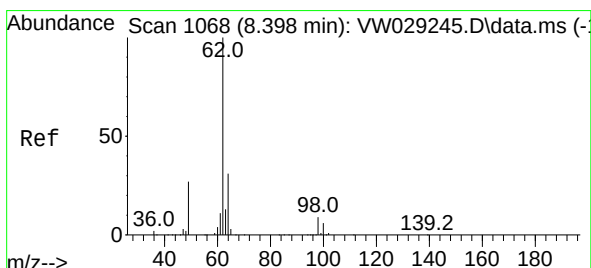
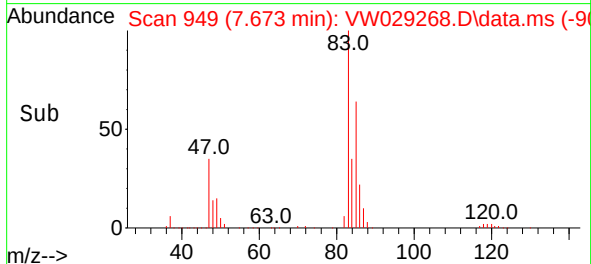
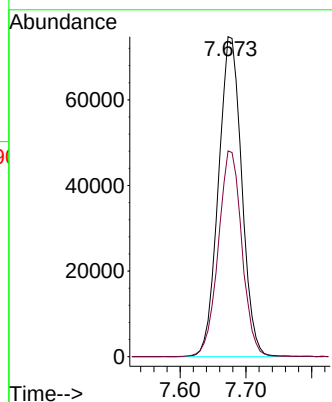
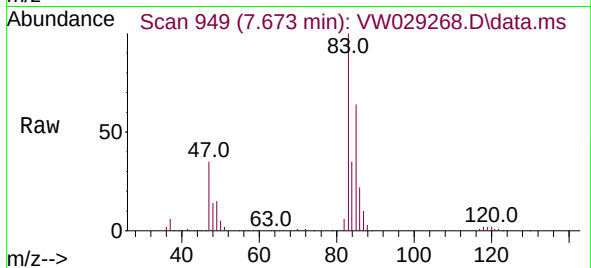
ClientSampleId :

Tgt Ion: 83 Resp: 184086

Ion Ratio Lower Upper

83 100

85 64.3 44.4 82.4



#27

1,2-Dichloroethane

Concen: 23.258 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW029268.D

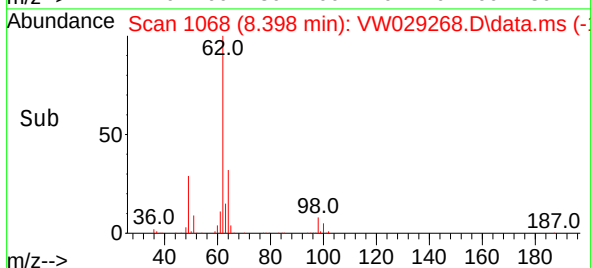
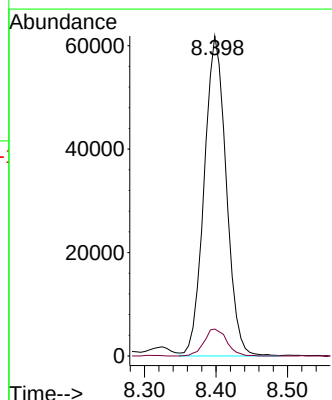
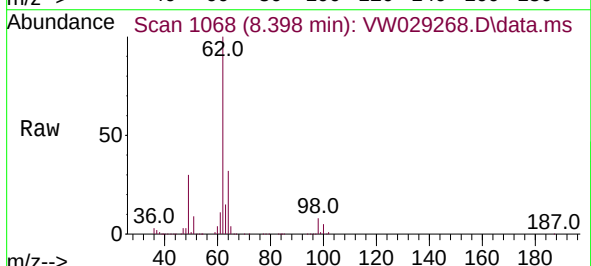
Acq: 20 Jun 2024 19:18

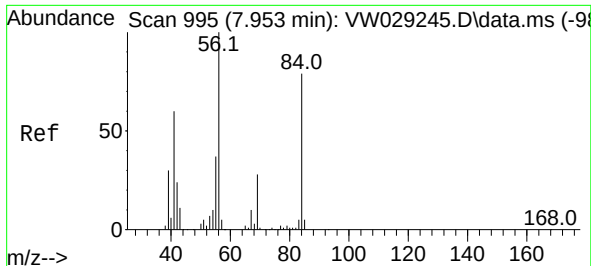
Tgt Ion: 62 Resp: 132430

Ion Ratio Lower Upper

62 100

98 8.4 6.6 10.0





#29

Cyclohexane

Concen: 25.202 ug/L

RT: 7.959 min Scan# 995

Delta R.T. 0.006 min

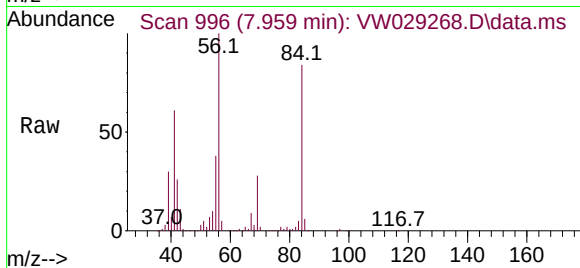
Lab File: VW029268.D

Acq: 20 Jun 2024 19:18

Instrument :

MSVOA_W

ClientSampleId :



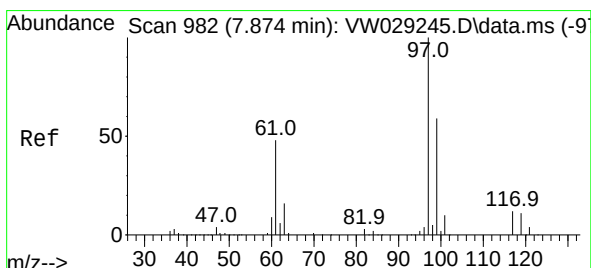
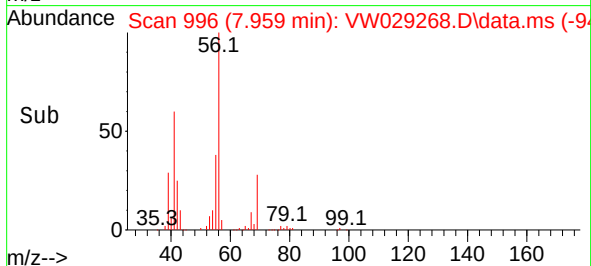
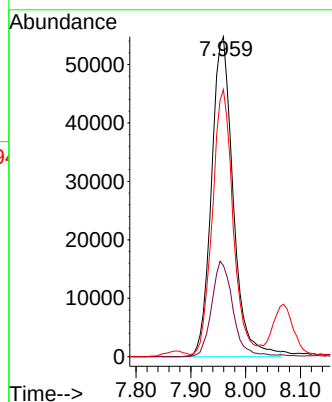
Tgt Ion: 56 Resp: 150655

Ion Ratio Lower Upper

56 100

69 29.2 23.4 35.0

84 79.8 64.5 96.7



#30

1,1,1-Trichloroethane

Concen: 24.035 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW029268.D

Acq: 20 Jun 2024 19:18

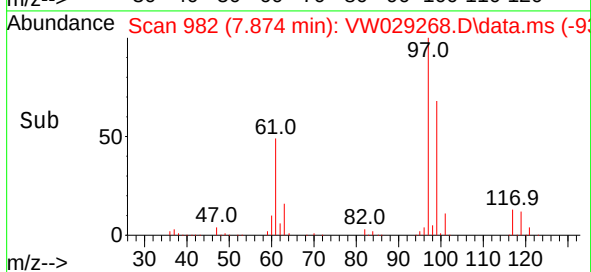
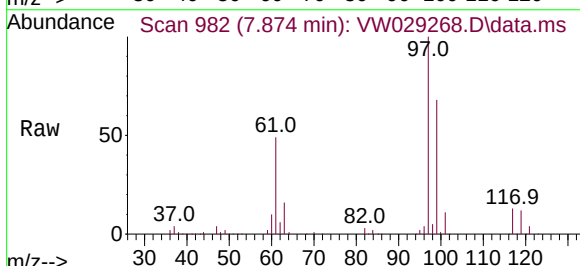
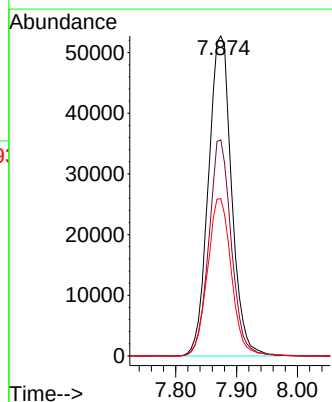
Tgt Ion: 97 Resp: 139754

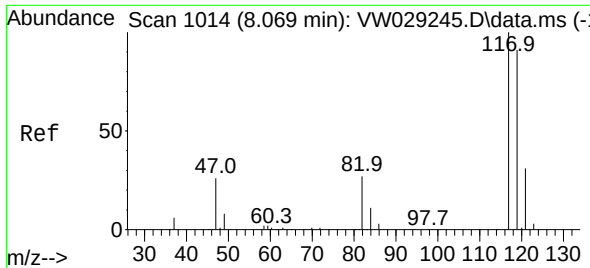
Ion Ratio Lower Upper

97 100

99 65.4 53.0 79.4

61 50.1 43.0 64.4

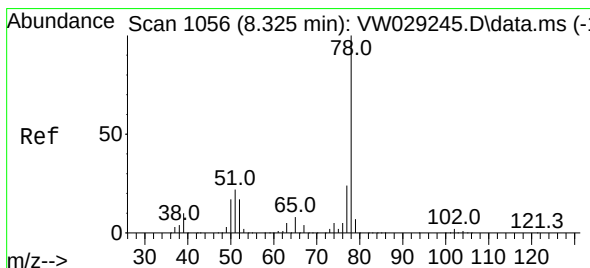
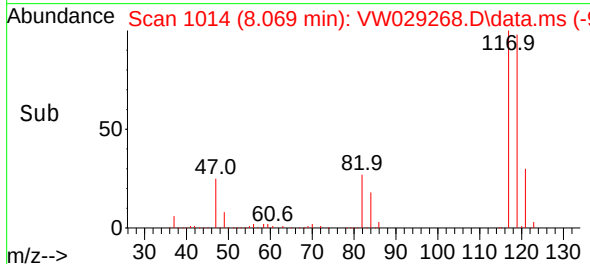
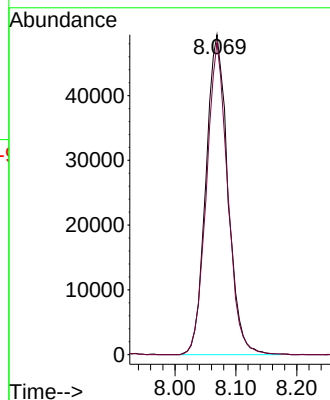
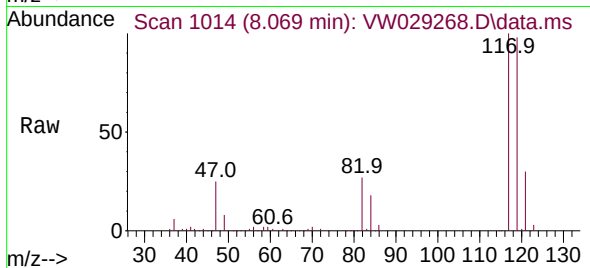




#31
Carbon tetrachloride
Concen: 23.283 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW029268.D
Acq: 20 Jun 2024 19:18

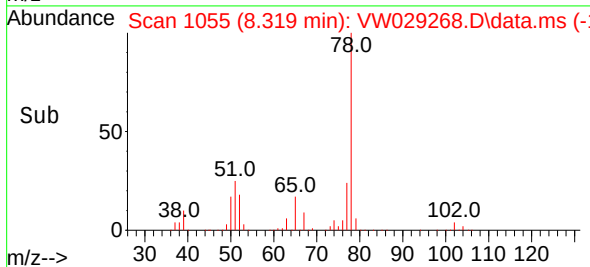
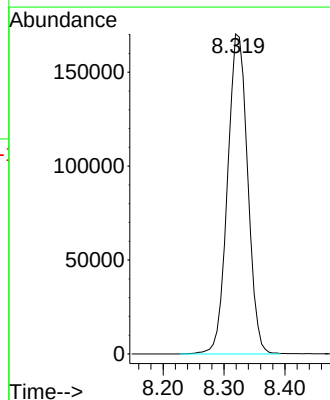
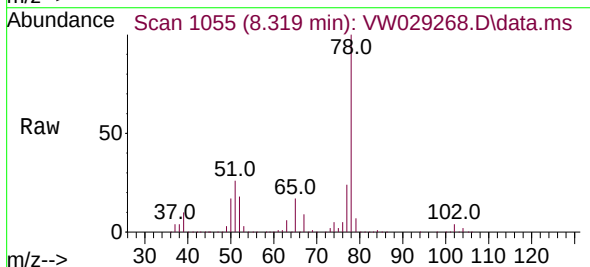
Instrument :
MSVOA_W
ClientSampleId :

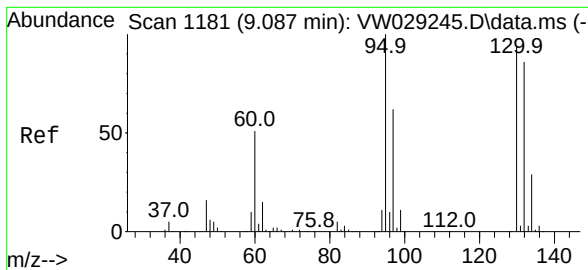
Tgt Ion:117 Resp: 123674
Ion Ratio Lower Upper
117 100
119 94.6 79.0 118.4



#33
Benzene
Concen: 24.878 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW029268.D
Acq: 20 Jun 2024 19:18

Tgt Ion: 78 Resp: 390879





#34

Trichloroethene

Concen: 23.997 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW029268.D

Acq: 20 Jun 2024 19:18

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 100590

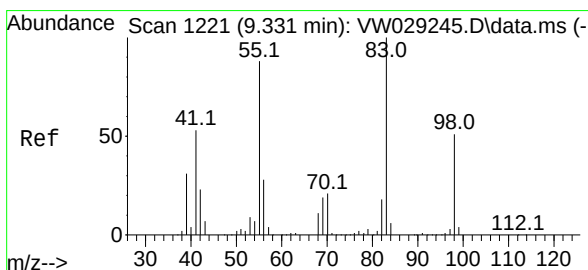
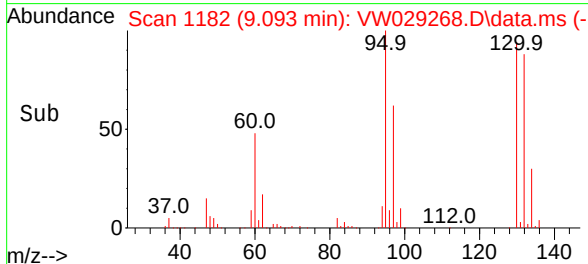
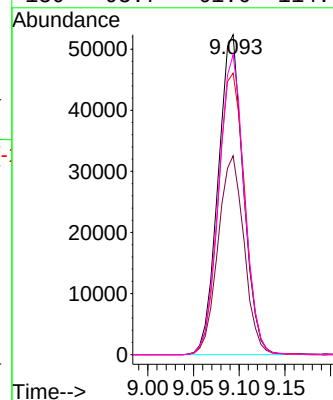
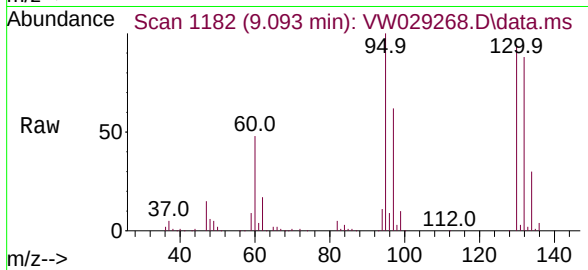
Ion Ratio Lower Upper

95 100

97 62.1 45.7 84.9

132 88.0 66.4 123.4

130 93.7 61.6 114.4



#35

Methylcyclohexane

Concen: 24.142 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.000 min

Lab File: VW029268.D

Acq: 20 Jun 2024 19:18

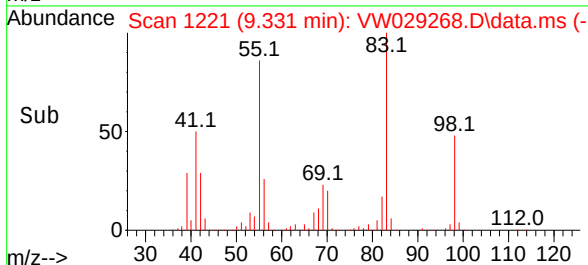
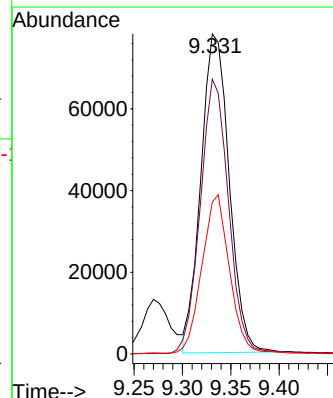
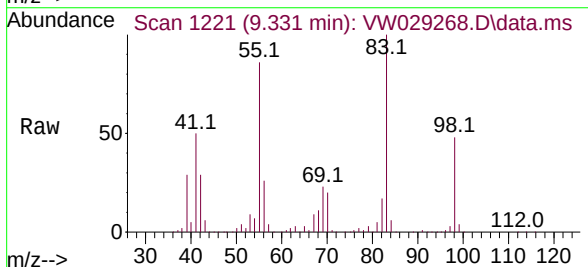
Tgt Ion: 83 Resp: 159154

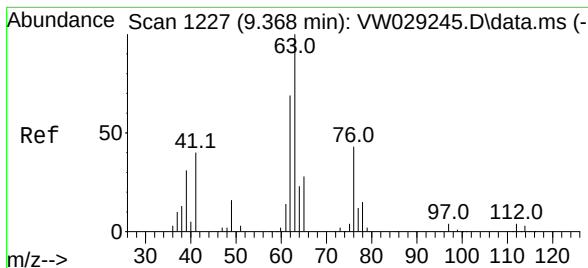
Ion Ratio Lower Upper

83 100

55 86.8 69.5 104.3

98 48.9 38.0 57.0





#37

1,2-Dichloropropane

Concen: 24.682 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW029268.D

Acq: 20 Jun 2024 19:18

Instrument :

MSVOA_W

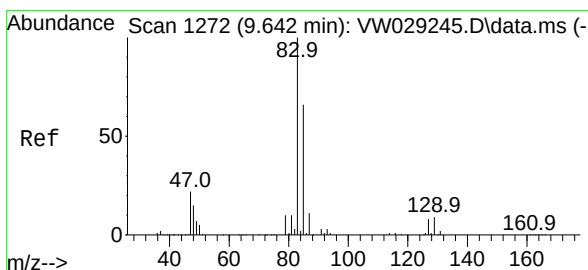
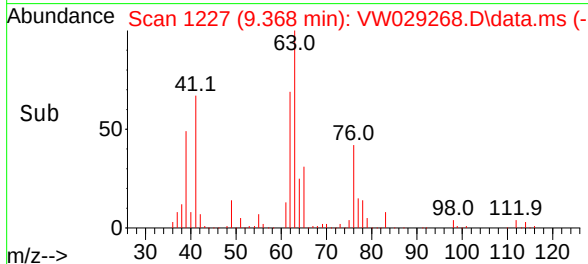
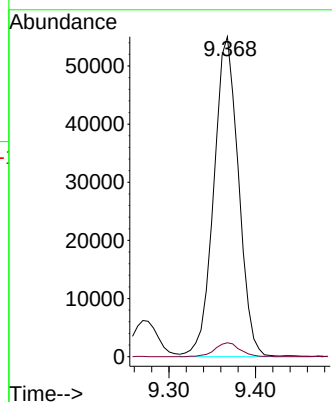
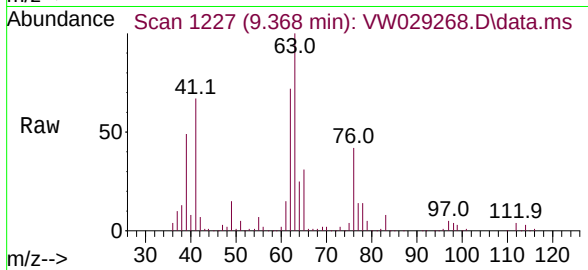
ClientSampleId :

Tgt Ion: 63 Resp: 108968

Ion Ratio Lower Upper

63 100

112 4.4 3.8 5.6



#38

Bromodichloromethane

Concen: 24.267 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW029268.D

Acq: 20 Jun 2024 19:18

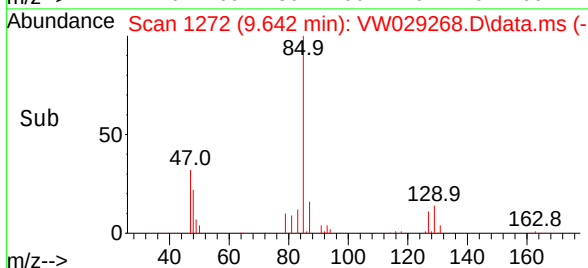
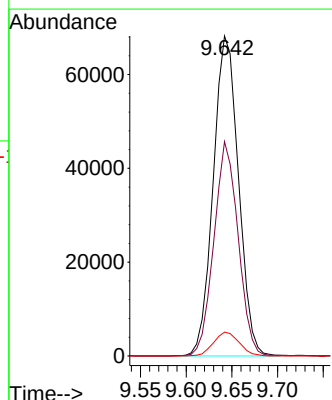
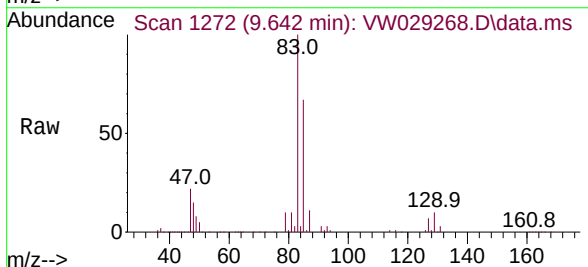
Tgt Ion: 83 Resp: 130989

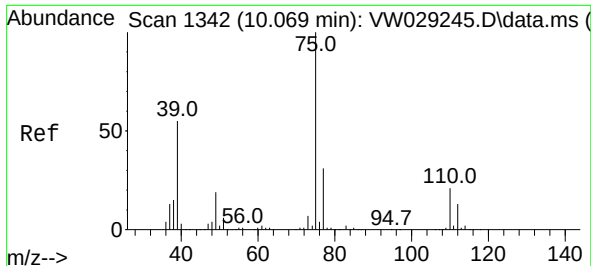
Ion Ratio Lower Upper

83 100

85 67.0 45.1 83.9

127 7.5 5.8 8.6





#39

cis-1,3-Dichloropropene

Concen: 25.842 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW029268.D

Acq: 20 Jun 2024 19:18

Instrument :

MSVOA_W

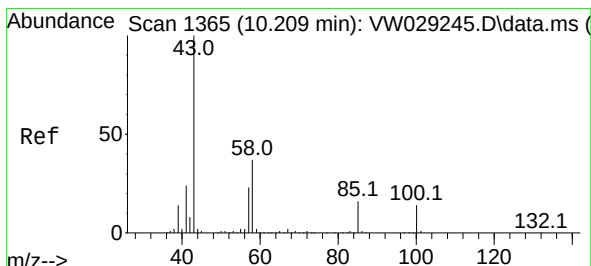
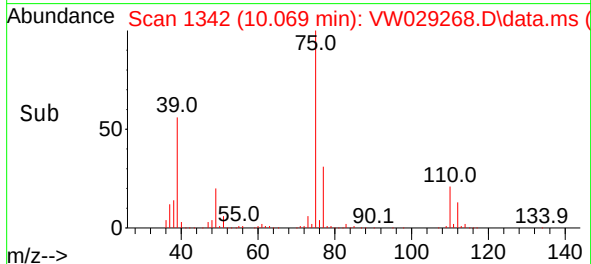
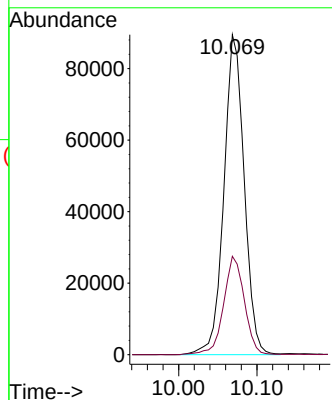
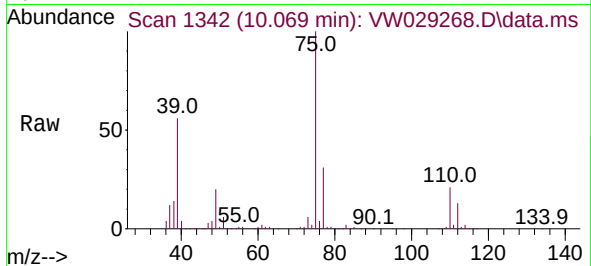
ClientSampleId :

Tgt Ion: 75 Resp: 161275

Ion Ratio Lower Upper

75 100

77 30.7 22.7 42.1



#40

4-Methyl-2-pentanone

Concen: 53.313 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW029268.D

Acq: 20 Jun 2024 19:18

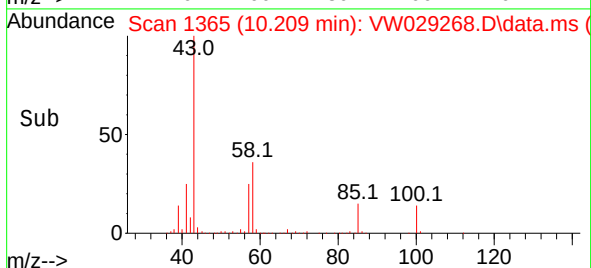
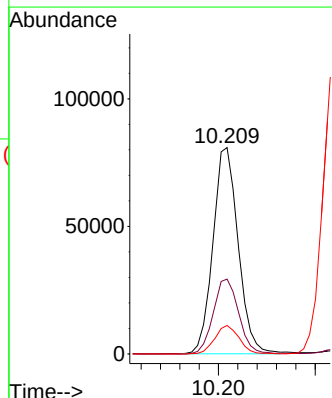
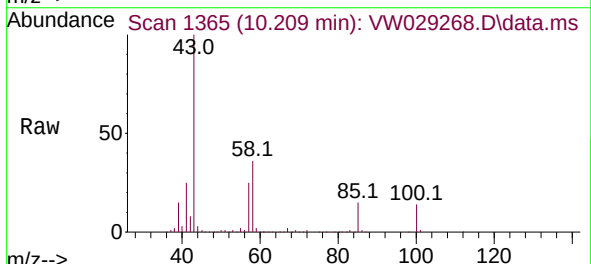
Tgt Ion: 43 Resp: 145886

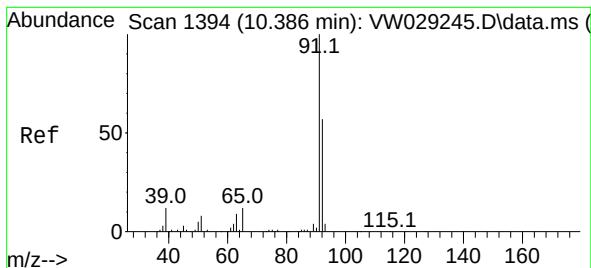
Ion Ratio Lower Upper

43 100

58 36.6 28.2 42.4

100 13.4 11.0 16.4





#42

Toluene

Concen: 25.942 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW029268.D

Acq: 20 Jun 2024 19:18

Instrument :

MSVOA_W

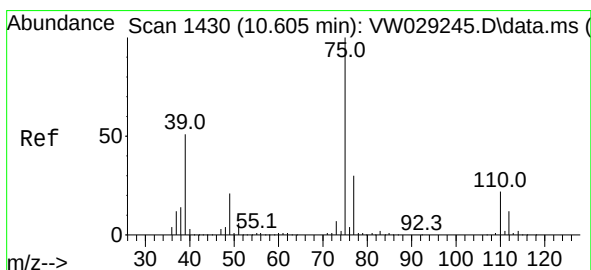
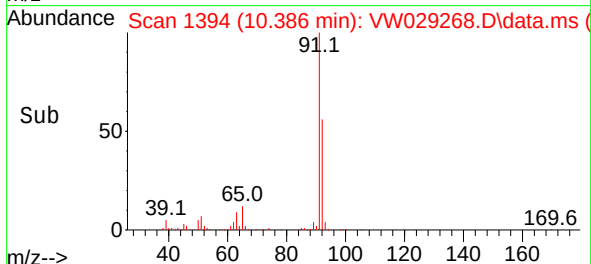
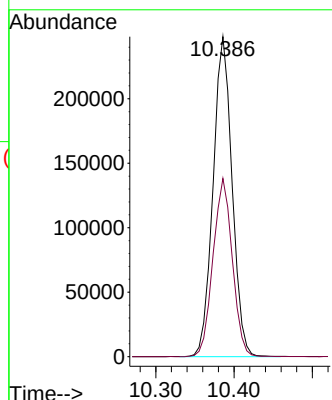
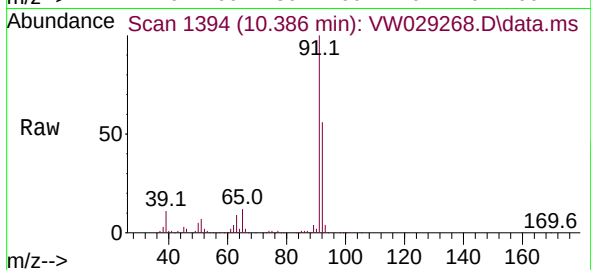
ClientSampleId :

Tgt Ion: 91 Resp: 419020

Ion Ratio Lower Upper

91 100

92 55.7 39.3 73.1



#44

trans-1,3-Dichloropropene

Concen: 25.423 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW029268.D

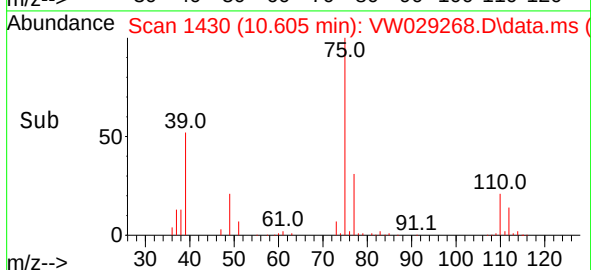
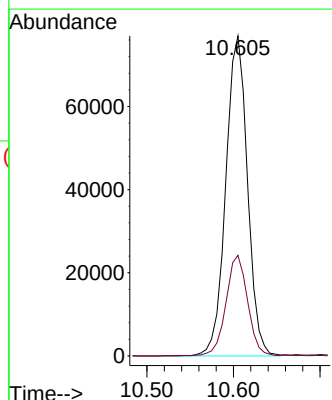
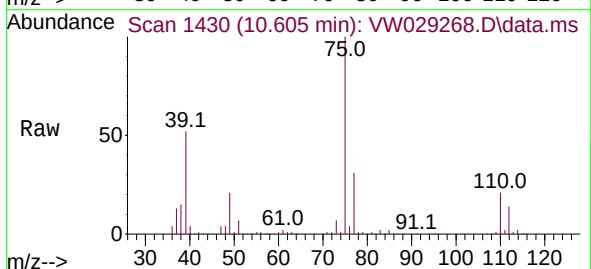
Acq: 20 Jun 2024 19:18

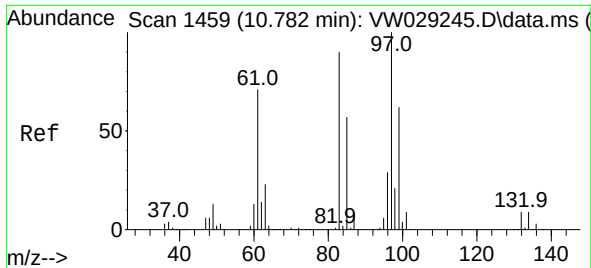
Tgt Ion: 75 Resp: 133967

Ion Ratio Lower Upper

75 100

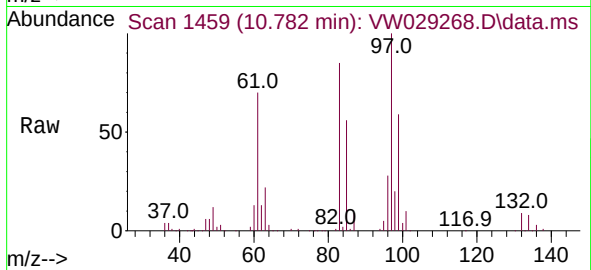
77 31.4 22.7 42.1





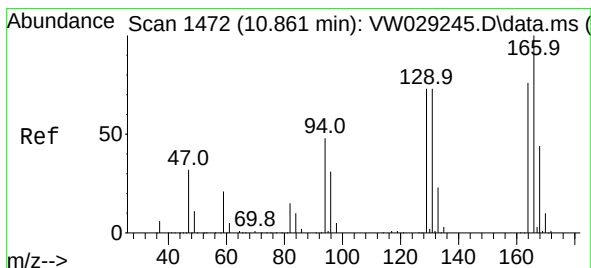
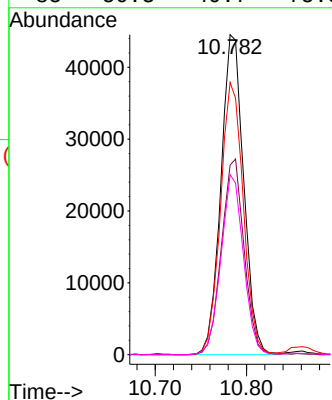
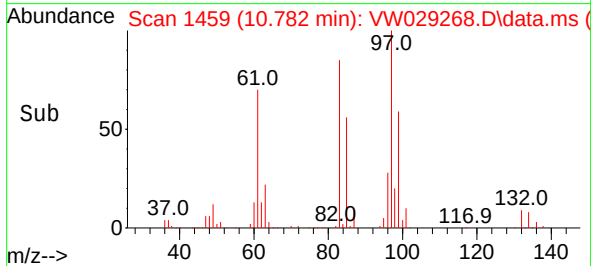
#45
1,1,2-Trichloroethane
Concen: 25.130 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW029268.D
Acq: 20 Jun 2024 19:18

Instrument :
MSVOA_W
ClientSampleId :

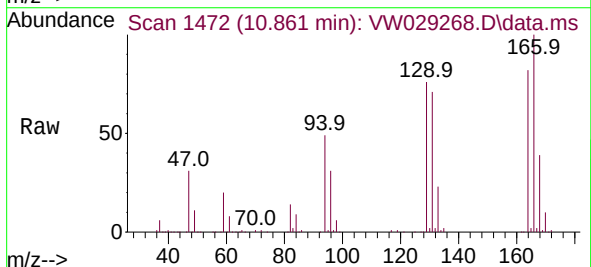


Tgt Ion: 97 Resp: 77270

Ion	Ratio	Lower	Upper
97	100		
99	59.2	42.3	78.5
83	85.0	57.7	107.1
85	56.3	40.7	75.5

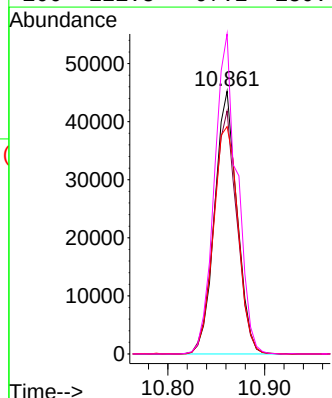
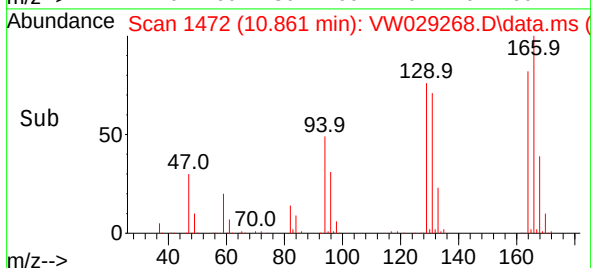


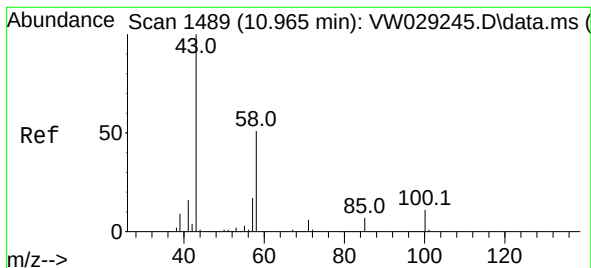
#46
Tetrachloroethene
Concen: 24.839 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW029268.D
Acq: 20 Jun 2024 19:18



Tgt Ion: 164 Resp: 72784

Ion	Ratio	Lower	Upper
164	100		
129	92.5	68.5	127.3
131	86.5	71.8	133.4
166	121.8	97.2	180.4





#48

2-Hexanone

Concen: 52.152 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

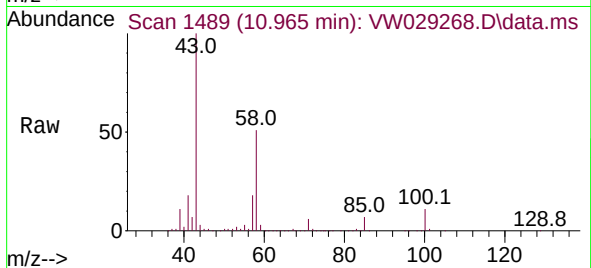
Lab File: VW029268.D

Acq: 20 Jun 2024 19:18

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 101263

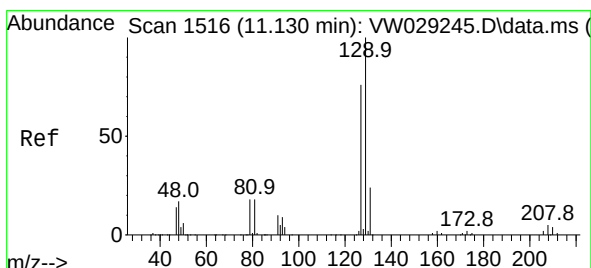
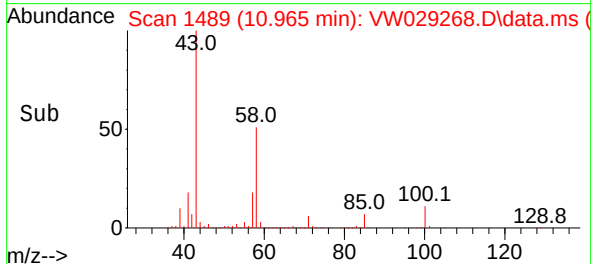
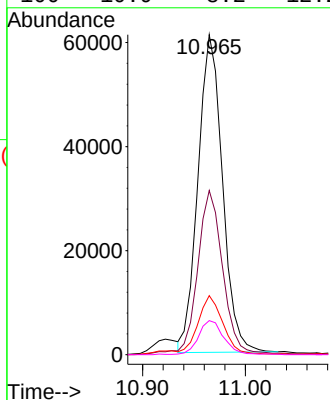
Ion Ratio Lower Upper

43 100

58 53.3 39.6 59.4

57 19.0 14.6 21.8

100 10.9 8.2 12.2



#49

Dibromochloromethane

Concen: 24.905 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.006 min

Lab File: VW029268.D

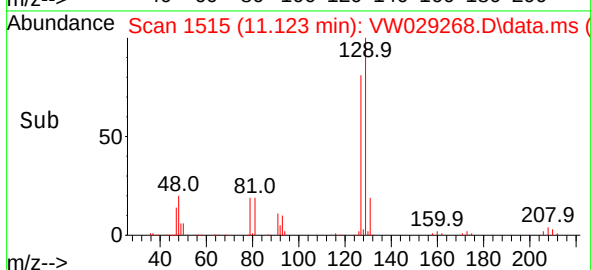
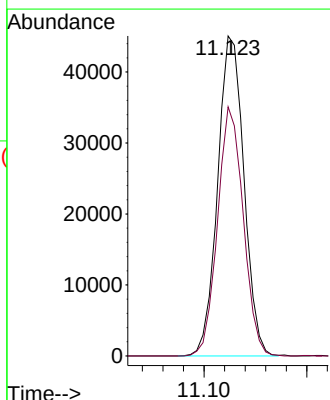
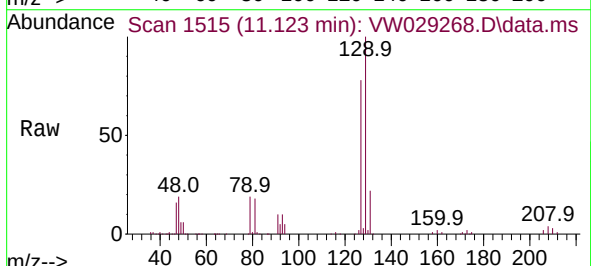
Acq: 20 Jun 2024 19:18

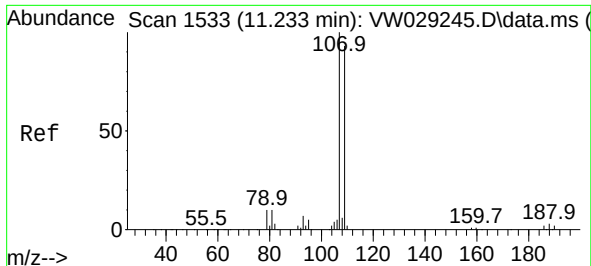
Tgt Ion:129 Resp: 80048

Ion Ratio Lower Upper

129 100

127 77.8 54.8 101.8





#50

1,2-Dibromoethane

Concen: 25.073 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

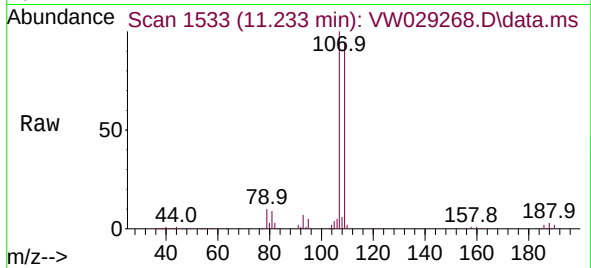
Lab File: VW029268.D

Acq: 20 Jun 2024 19:18

Instrument :

MSVOA_W

ClientSampleId :



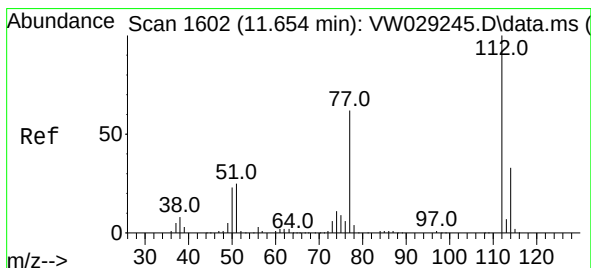
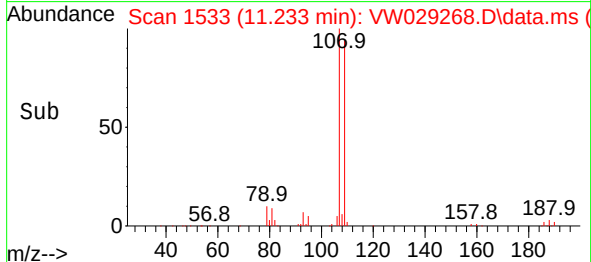
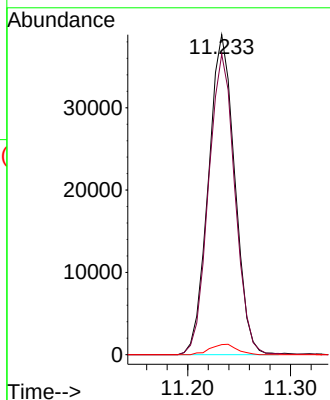
Tgt Ion:107 Resp: 69206

Ion Ratio Lower Upper

107 100

109 93.9 65.5 121.6

188 3.4 2.6 4.0



#51

Chlorobenzene

Concen: 24.399 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW029268.D

Acq: 20 Jun 2024 19:18

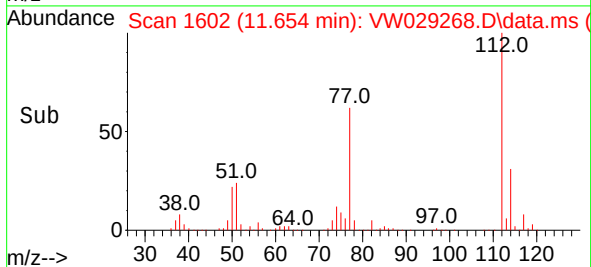
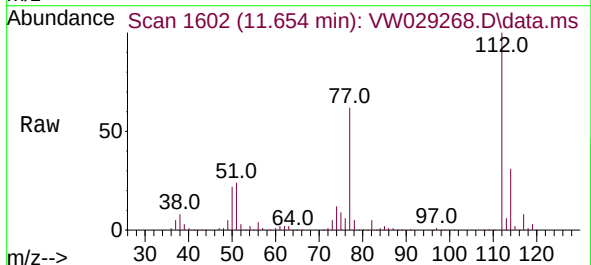
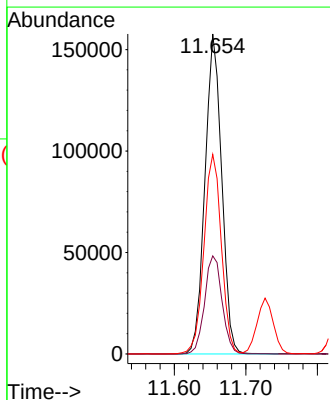
Tgt Ion:112 Resp: 255919

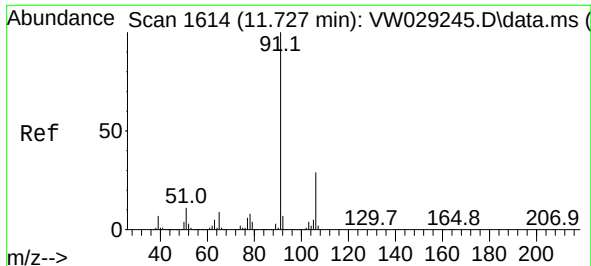
Ion Ratio Lower Upper

112 100

114 30.7 22.6 42.0

77 62.4 51.0 76.6





#52

Ethylbenzene

Concen: 25.473 ug/L

RT: 11.727 min Scan# 1614

Delta R.T. -0.000 min

Lab File: VW029268.D

Acq: 20 Jun 2024 19:18

Instrument :

MSVOA_W

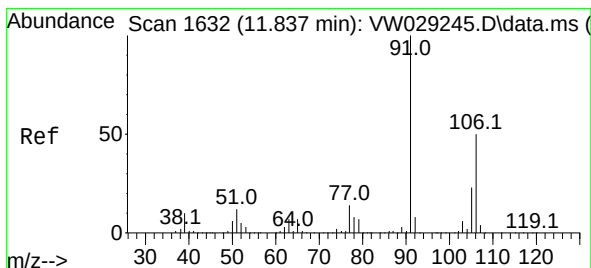
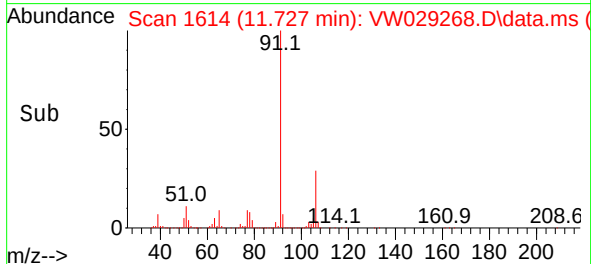
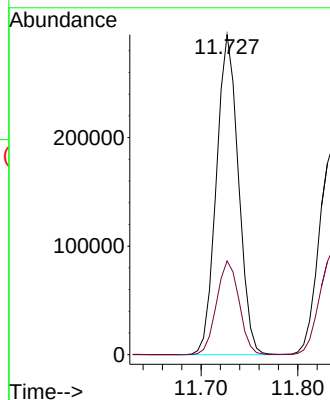
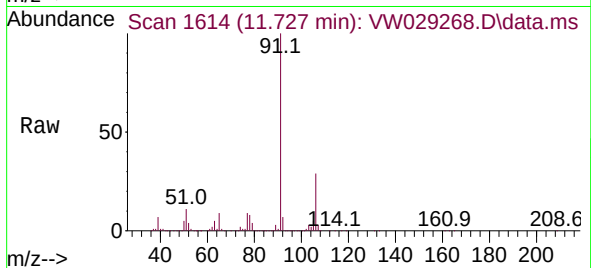
ClientSampleId :

Tgt Ion: 91 Resp: 467034

Ion Ratio Lower Upper

91 100

106 29.3 19.9 37.0



#53

m,p-Xylene

Concen: 26.496 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW029268.D

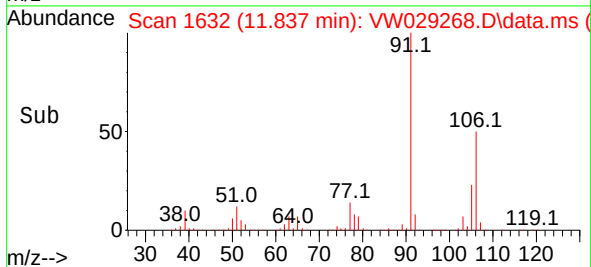
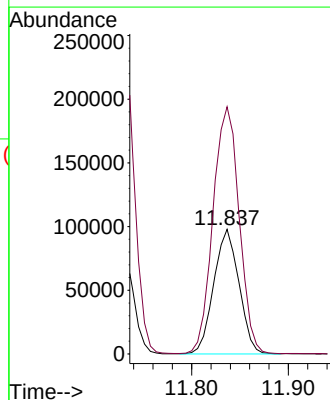
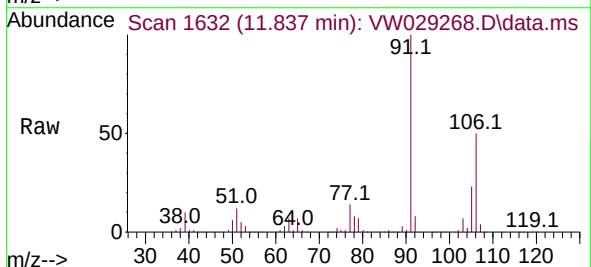
Acq: 20 Jun 2024 19:18

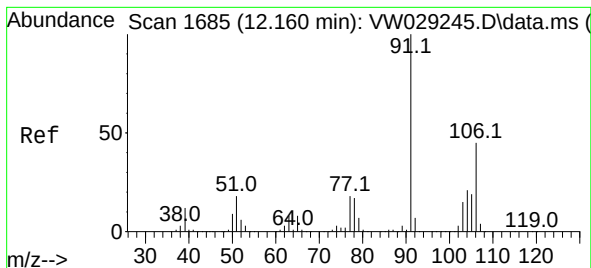
Tgt Ion: 106 Resp: 177447

Ion Ratio Lower Upper

106 100

91 198.3 140.5 260.9





#54

o-Xylene

Concen: 27.010 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029268.D

Acq: 20 Jun 2024 19:18

Instrument :

MSVOA_W

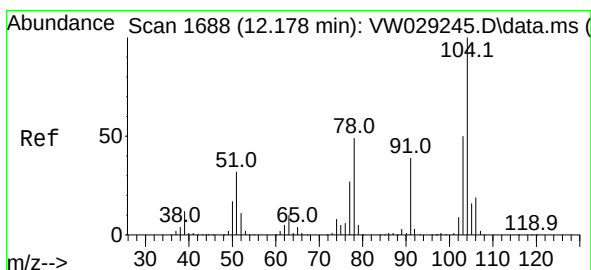
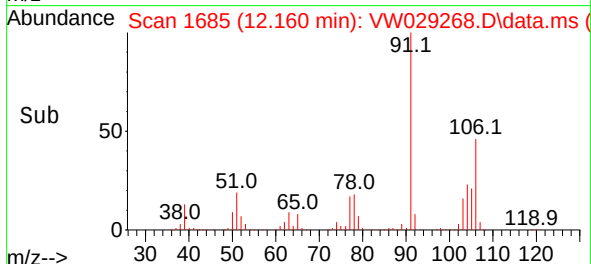
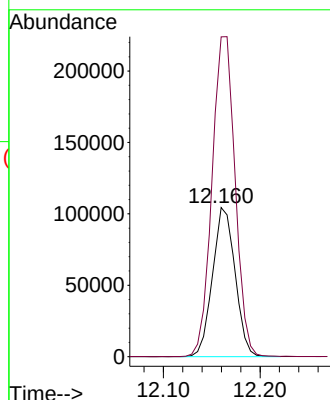
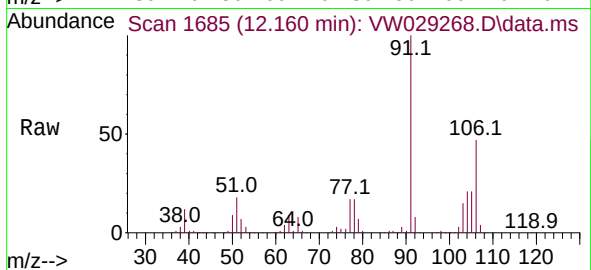
ClientSampleId :

Tgt Ion:106 Resp: 169054

Ion Ratio Lower Upper

106 100

91 214.6 149.9 278.5



#55

Styrene

Concen: 26.920 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW029268.D

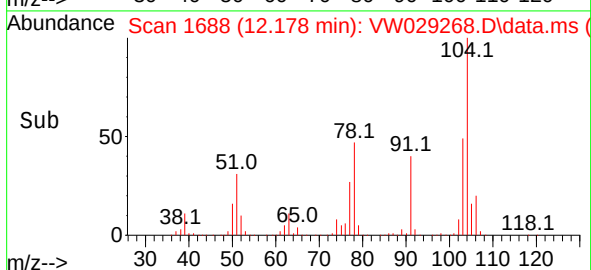
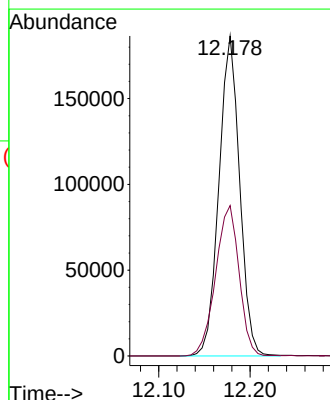
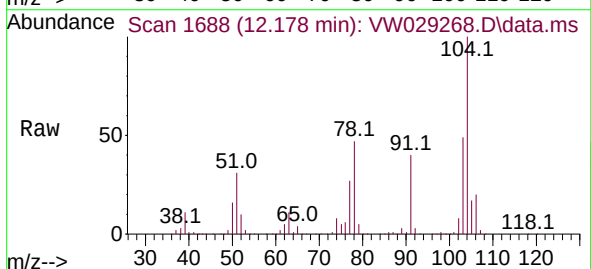
Acq: 20 Jun 2024 19:18

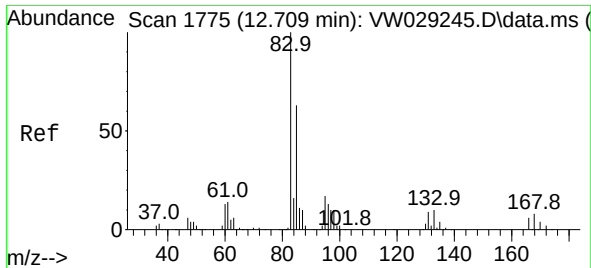
Tgt Ion:104 Resp: 293777

Ion Ratio Lower Upper

104 100

78 47.0 35.4 65.7





#57

1,1,2,2-Tetrachloroethane

Concen: 24.566 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029268.D

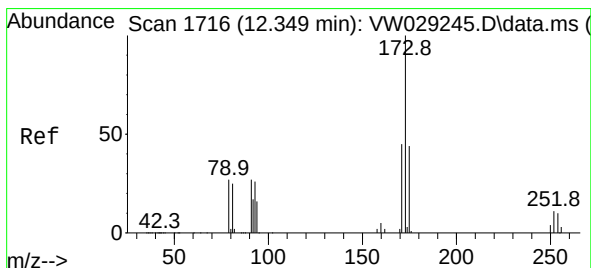
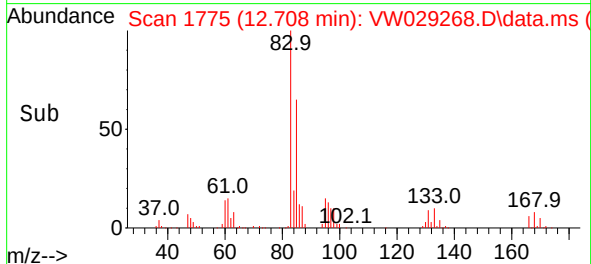
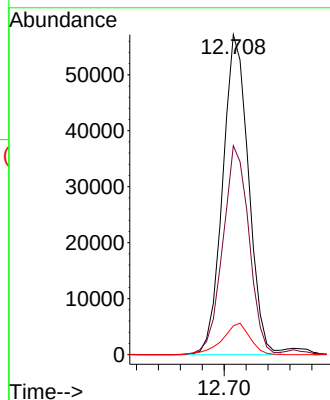
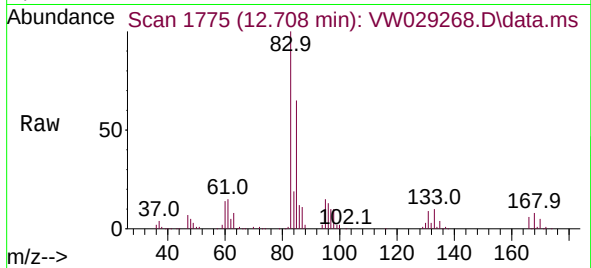
Acq: 20 Jun 2024 19:18

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	93435
Ion Ratio	Lower	Upper	
83	100		
85	65.3	45.8	85.0
131	9.0	7.8	11.6



#59

Bromoform

Concen: 26.108 ug/L

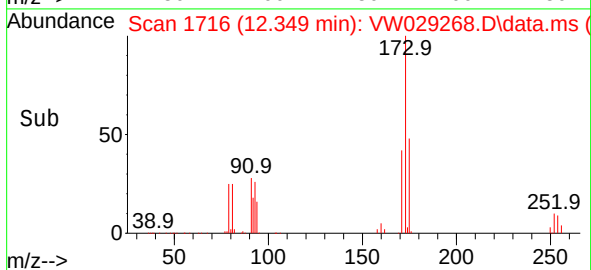
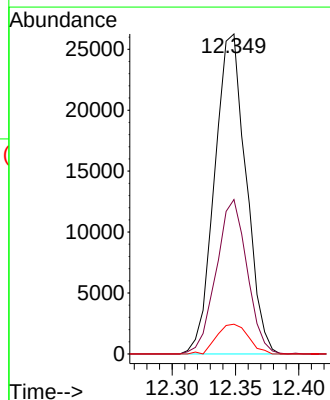
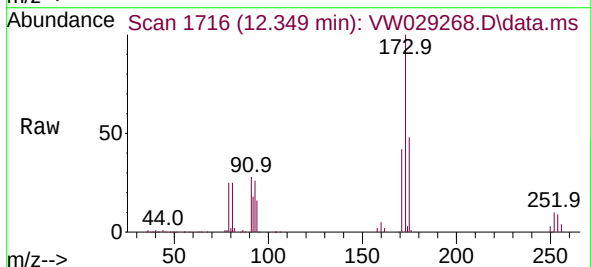
RT: 12.349 min Scan# 1716

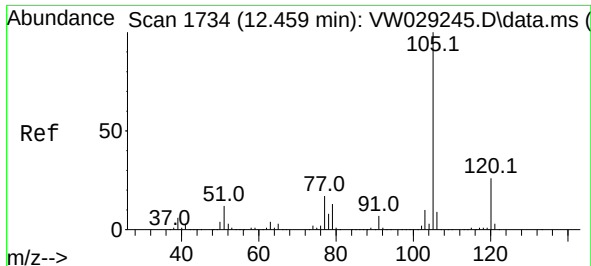
Delta R.T. -0.000 min

Lab File: VW029268.D

Acq: 20 Jun 2024 19:18

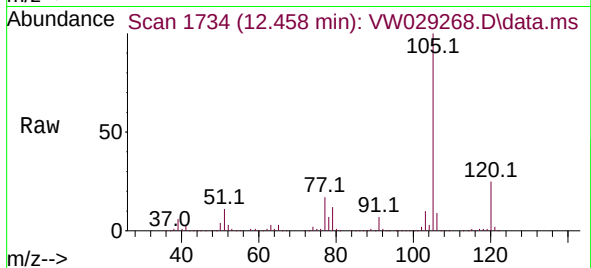
Tgt Ion:	173	Resp:	45299
Ion Ratio	Lower	Upper	
173	100		
175	47.3	37.8	56.8
254	9.3	7.8	11.6



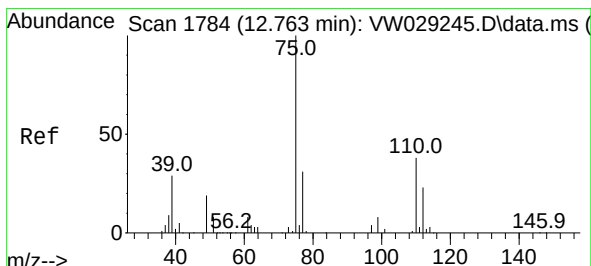
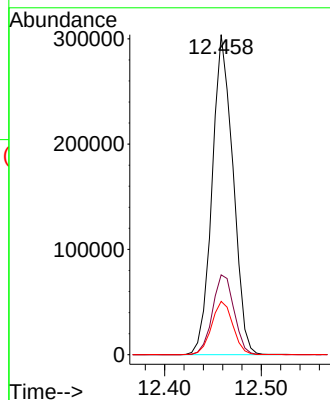
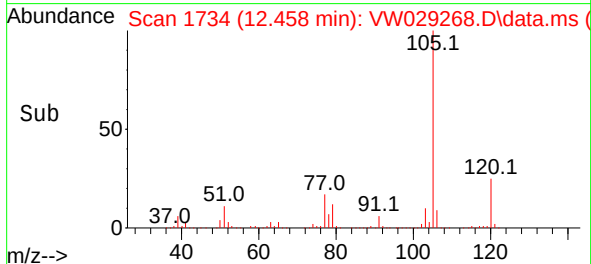


#60
Isopropylbenzene
Concen: 27.036 ug/L
RT: 12.458 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW029268.D
Acq: 20 Jun 2024 19:18

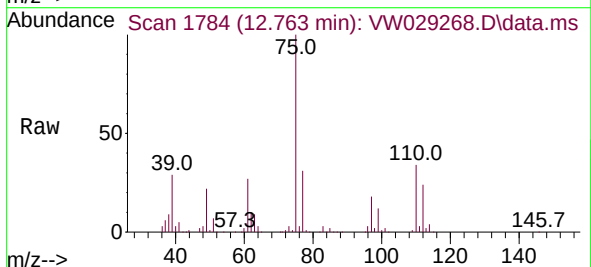
Instrument :
MSVOA_W
ClientSampleId :



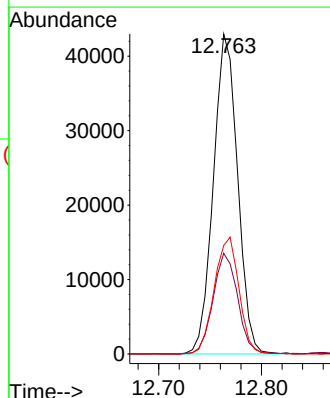
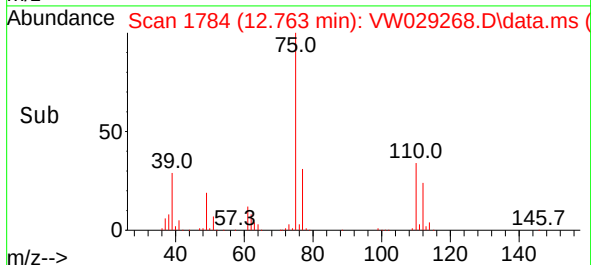
Tgt Ion:105 Resp: 456049
Ion Ratio Lower Upper
105 100
120 25.8 20.5 30.7
77 17.0 13.6 20.4

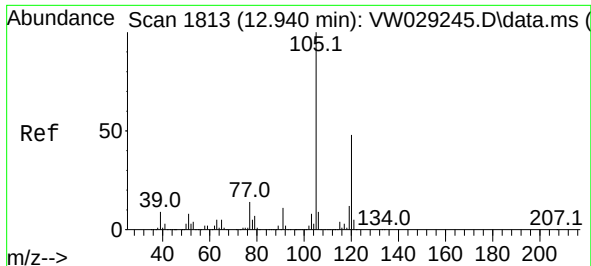


#61
1,2,3-Trichloropropane
Concen: 25.438 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW029268.D
Acq: 20 Jun 2024 19:18



Tgt Ion: 75 Resp: 70239
Ion Ratio Lower Upper
75 100
77 31.9 26.6 39.8
110 37.2 29.5 44.3





#62

1,3,5-Trimethylbenzene

Concen: 28.024 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW029268.D

Acq: 20 Jun 2024 19:18

Instrument :

MSVOA_W

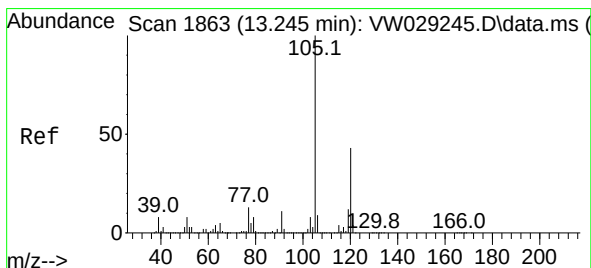
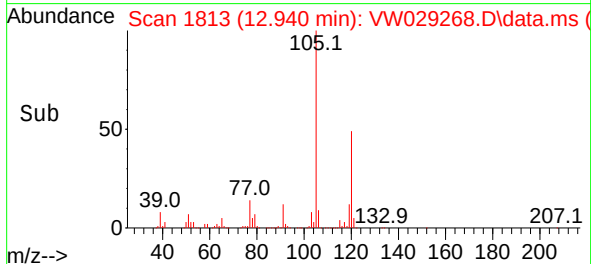
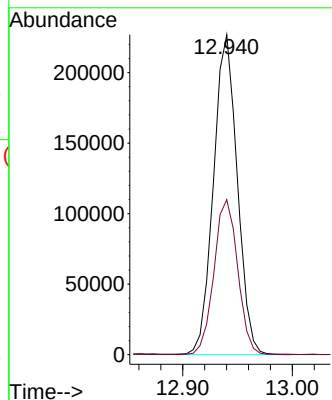
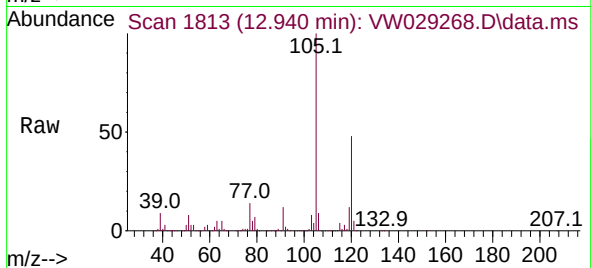
ClientSampleId :

Tgt Ion:105 Resp: 342353

Ion Ratio Lower Upper

105 100

120 48.4 36.4 54.6



#63

1,2,4-Trimethylbenzene

Concen: 28.397 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW029268.D

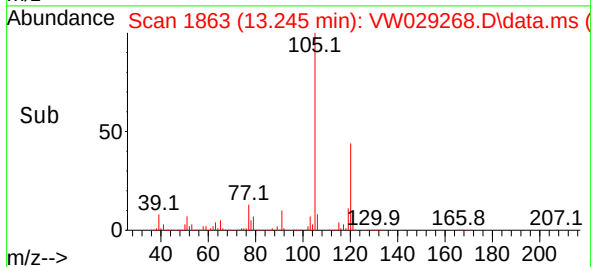
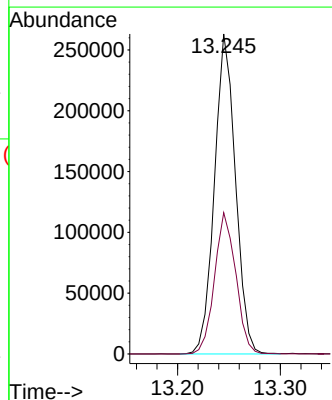
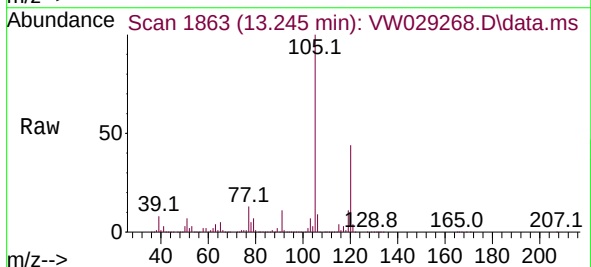
Acq: 20 Jun 2024 19:18

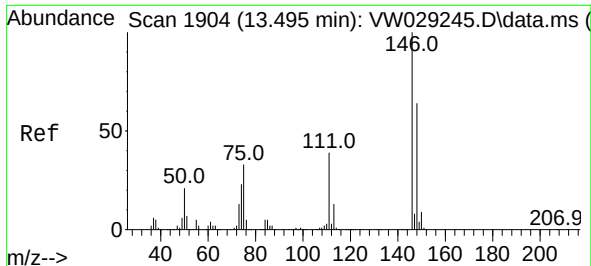
Tgt Ion:105 Resp: 373247

Ion Ratio Lower Upper

105 100

120 44.6 34.9 52.3





#64

1,3-Dichlorobenzene

Concen: 27.204 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW029268.D

Acq: 20 Jun 2024 19:18

Instrument :

MSVOA_W

ClientSampleId :

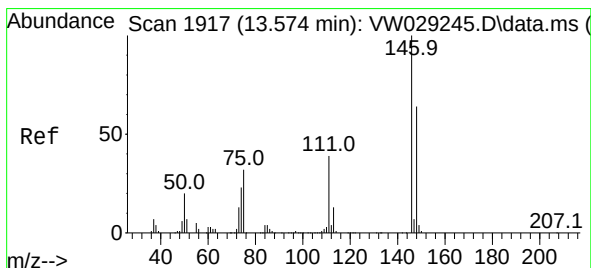
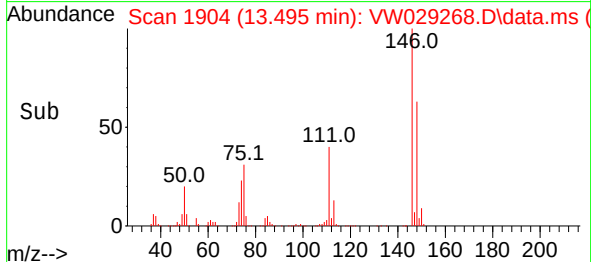
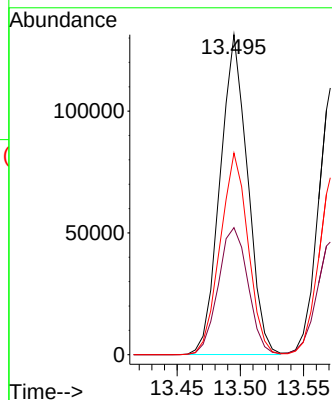
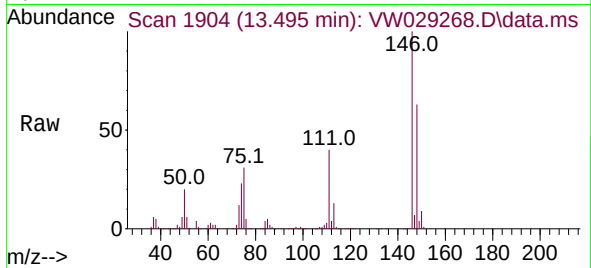
Tgt Ion:146 Resp: 198584

Ion Ratio Lower Upper

146 100

111 39.7 33.0 61.2

148 63.0 47.5 88.1



#65

1,4-Dichlorobenzene

Concen: 25.158 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW029268.D

Acq: 20 Jun 2024 19:18

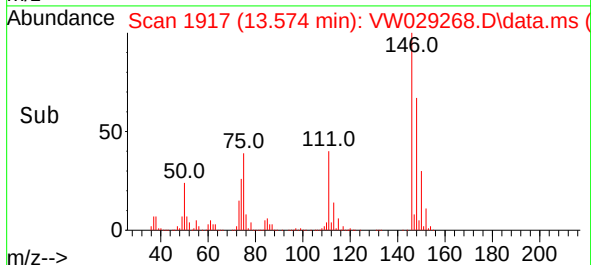
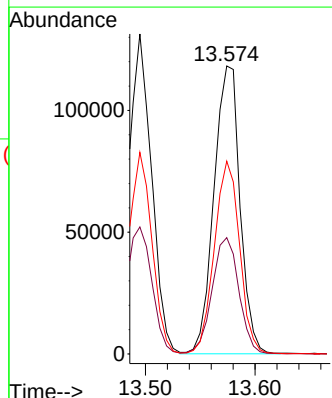
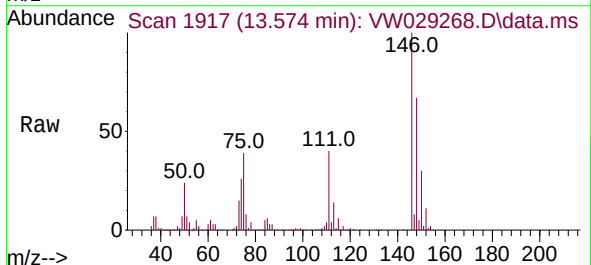
Tgt Ion:146 Resp: 195393

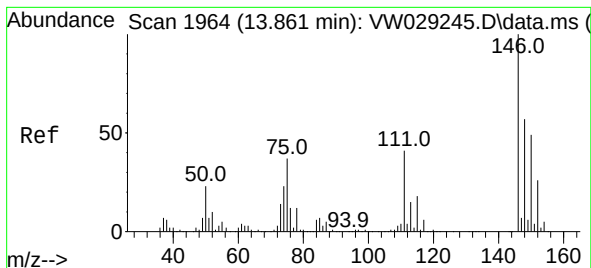
Ion Ratio Lower Upper

146 100

111 40.4 28.9 53.7

148 67.0 42.0 78.0





#67

1,2-Dichlorobenzene

Concen: 26.971 ug/L

RT: 13.867 min Scan# 1964

Delta R.T. 0.006 min

Lab File: VW029268.D

Acq: 20 Jun 2024 19:18

Instrument :

MSVOA_W

ClientSampleId :

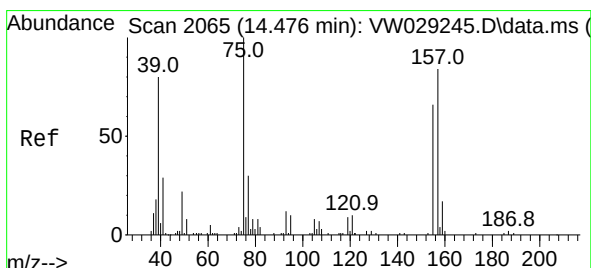
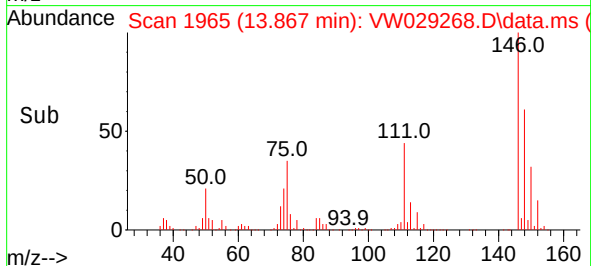
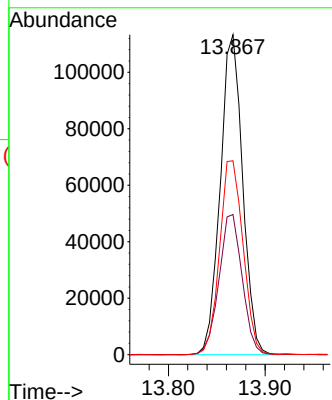
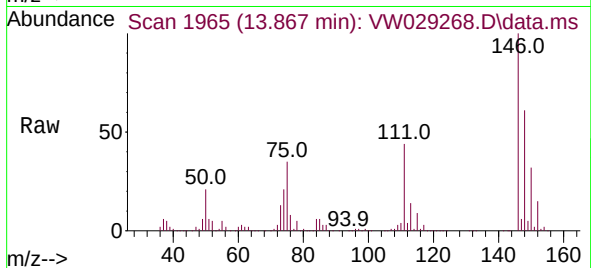
Tgt Ion:146 Resp: 182010

Ion Ratio Lower Upper

146 100

111 43.8 34.2 51.4

148 60.6 46.3 69.5



#68

1,2-Dibromo-3-chloropropane

Concen: 23.702 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW029268.D

Acq: 20 Jun 2024 19:18

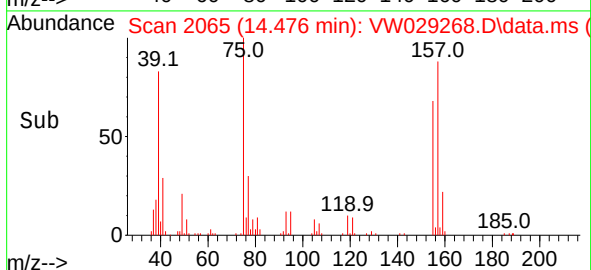
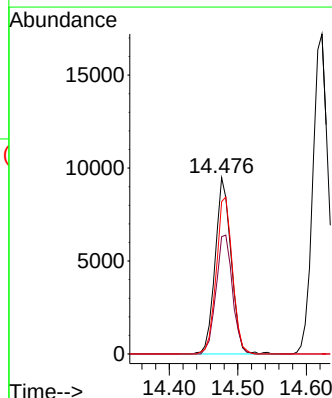
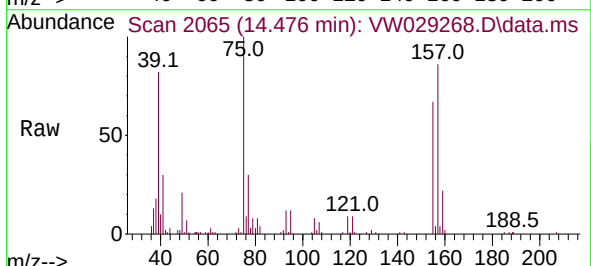
Tgt Ion: 75 Resp: 15273

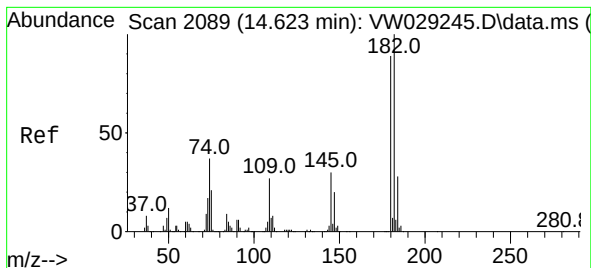
Ion Ratio Lower Upper

75 100

155 66.6 51.0 76.6

157 86.5 58.8 88.2





#69

1,3,5-Trichlorobenzene

Concen: 25.189 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

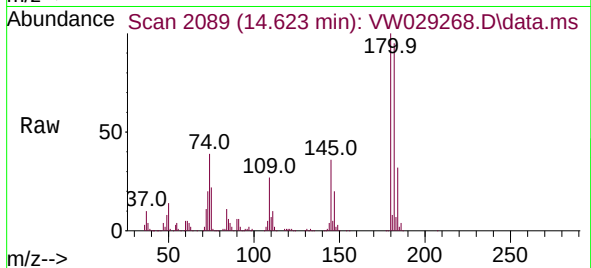
Lab File: VW029268.D

Acq: 20 Jun 2024 19:18

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 124094

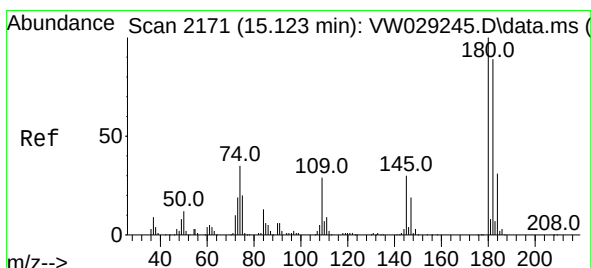
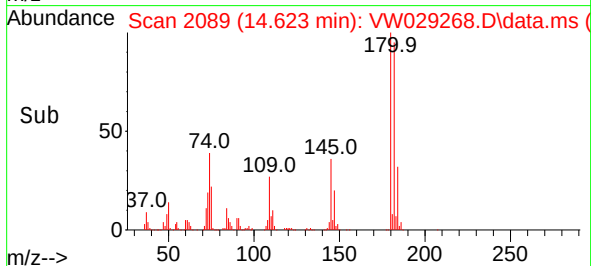
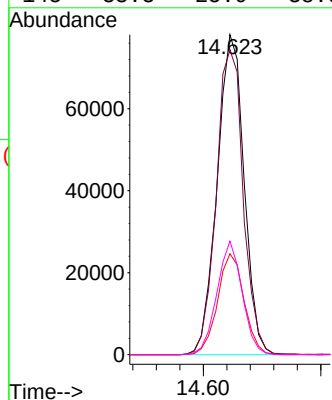
Ion Ratio Lower Upper

180 100

182 95.5 72.9 109.3

184 31.0 23.8 35.6

145 33.3 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 28.152 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW029268.D

Acq: 20 Jun 2024 19:18

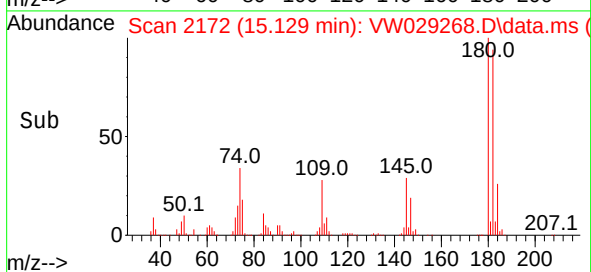
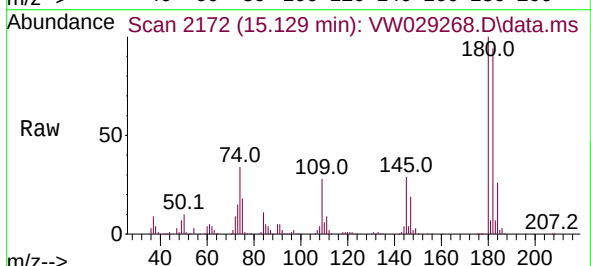
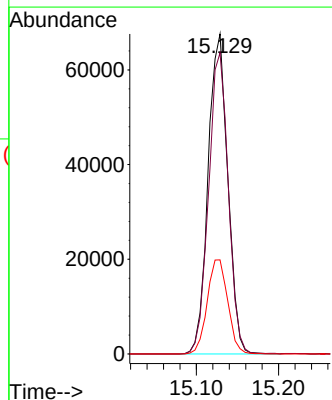
Tgt Ion:180 Resp: 112427

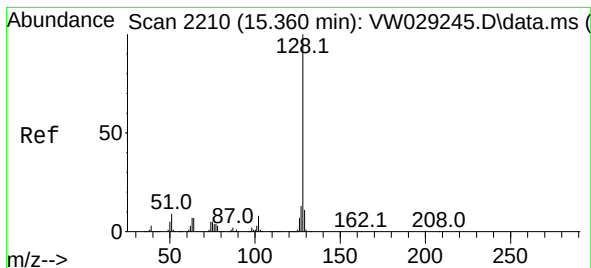
Ion Ratio Lower Upper

180 100

182 94.3 77.7 116.5

145 30.7 25.7 38.5





#71

Naphthalene

Concen: 28.479 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW029268.D

Acq: 20 Jun 2024 19:18

Instrument :

MSVOA_W

ClientSampleId :

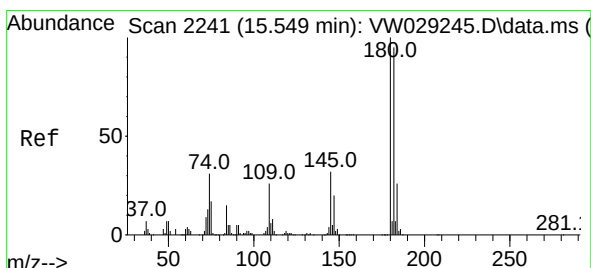
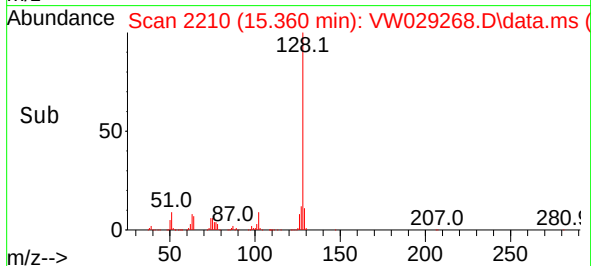
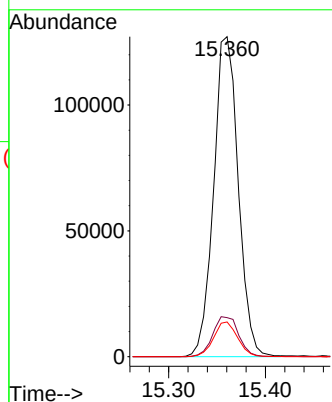
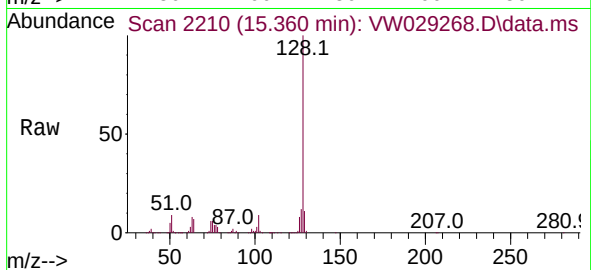
Tgt Ion:128 Resp: 224478

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 10.7 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 25.549 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW029268.D

Acq: 20 Jun 2024 19:18

Tgt Ion:180 Resp: 92968

Ion Ratio Lower Upper

180 100

182 98.1 73.0 109.6

145 35.6 28.1 42.1

